



TITLE:

A Classified Vocabulary of the Turkana in Northwestern Kenya

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CITATION:

OHTA, Itaru. A Classified Vocabulary of the Turkana in Northwestern Kenya. African study monographs. Supplementary issue 1989, 10: 1-104

ISSUE DATE:

1989-07

URL:

<https://doi.org/10.14989/68350>

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A CLASSIFIED VOCABULARY OF THE TURKANA IN NORTHWESTERN KENYA

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FOREWORD

The Turkana people, Eastern-Nilotic speakers (Gregersen, 1977), live in a semi-desert in northwestern Kenya. They call themselves "Ngiturukana" and their language "Ngaturukana". Most of them live in the Turkana District, Rift Valley Province. The population of the District is about 140,000 (Kenya Population Census, 1979).

This research on their vocabulary was carried out during my anthropological survey between July, 1982 and January, 1989, around Kakuma, a small town 120 km northwest of Lodwar, the center of the District. Their vocabulary was collected on the basis of Yukawa's questionnaire (Yukawa, 1979). The main informants were Messrs. Albert Ardung, Robert Nagiro, and Lokipaka Rapo. The former two speak English and Swahili, the latter Swahili only besides Turkana. Some special terms of livestock management (Ohta, 1984; 1987) and classification of animal kingdom (Itani, 1980) have already been published.

On the Turkana people, Gulliver (1951; 1955) made a pioneering ethnographical study. On their language, studies were made by Anderson (n.d.), Heine (1980), Best (1983), Dimmendaal (1983), and Barrett (1988). Studies on the languages of neighboring ethnic groups (Kiggen, 1953a; Kiggen, 1953b; Verona Fathers, 1972; Nagashima, 1983) may also be useful for those who are interested.

NOTES ON THE USE OF THIS VOCABULARY LIST

Examples

[a] 54-07	clan	:ateger/ngategerin; emacar/ngimacarin
[b] 24-01	to eat	:akinyam /TA; akimuj /KA
[c] 46-48	to take (sb. somewhere)	:akirik, arikor /TO
[d] 1-01	head	:akou/ngakes, ngakoui
[e] 78-01	object, thing	:ibore, iborosit/ngliboro
[f] 41-16	tree-trunk	:atorom/ngatoroma a eketoi

1. One item has a serial number, English, and Turkana.
2. The number before the hyphen (54 in Example [a]) indicates that this term belongs to the 54th category (i.e. Society) of the following classification list, and the number after the hyphen (07 in Example [a]) indicates that this is the 7th item in the category.
3. When several terms of the Turkana are applicable to one item, Turkana terms are delimited by ";" as in Examples [a] and [b].
4. Abbreviations following Turkana verbs (/TA, /TO, /KA, /KO) indicate whether the verb is a TO-verb (/TA, /TO) or KI-verb (/KA, /KO), and whether its characteristic vowel is "A" (/TA, /KA) or "O" (/TO, /KO).
5. Verbs derived from the same stem are delimited by "," as in Example [c].
6. Singular and plural forms of nouns are delimited by "/" as in Examples [a], [d], [e], and [f].

7. When one singular form has two plural forms as in Example [d], two plural forms are delimited by ", ". When two singular forms have a common plural form as in Example [e], two singular forms are delimited by ", ".
 8. When one item is described by a combination of terms (Example [f]), it should be read as [(sing.) atorom a eketoi] and [(pl.) ngatoroma a eketoi].

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ACKNOWLEDGEMENTS This research was financed by the Ministry of Education, Culture and Science, Japan (Grant-in-Aid for Overseas Scientific Research Nos. 55504132, 57041005 and 63041026, and Grant-in-Aid for Scientific Research No. 62400002). I conducted my field study as a research associate at the Institute of African Studies, University of Nairobi. Professors J. Itani and J. Tanaka of Kyoto University, and Associate Professor S. Sato of Tsukuba University gave me great help in conducting fieldwork. Colleagues in the Center for African Area Studies and at the Laboratory of Human Evolution Studies, Kyoto University, encouraged this study. Messrs. Albert Ardung, Robert Nagiro, Lokipaka Rapo helped me as excellent informants, as well as genuine friends in the research field. Other numerous Turkana people offered me friendship. To these people and institutions I make grateful acknowledgements.

REFERENCES

- Anderson, J. (n.d.) *A Turkana Grammar for Beginners* (mimeo).
 Barrett, A. 1988. *English-Turkana Dictionary*. Macmillan Kenya, Nairobi.
 Best, G. 1983. *Culture and Language of the Turkana NW Kenya*. Carl Winter, Heidelberg.
 Dimmendaal, G. J. 1983. *The Turkana Language*. Foris Publications, Dordrecht.
 Gregersen, E. A. 1977. *Language in Africa: An Introductory Survey*. Gordon & Beach, New York.
 Gulliver, P. H. 1951. *A Preliminary Survey of the Turkana*. Capetown.
 ———, 1955. *The Family Herds*. Routledge & Kegan Paul Ltd., London.
 Heine, B. 1980. *The Non-Bantu Languages of Kenya*. Dietrich Reimer Verlag, Berlin.

- Itani, J. 1980. The Turkana's view of nature. In (J. Tanaka ed.) *A Study of Ecological Anthropology on Pastoral and Agrico-Pastoral Peoples in Northern Kenya*. Kyoto University Primate Research Institute, Inuyama.
- Kenya Population Census 1979. Central Bureau of Statistics, Ministry of Economic Planning and Development, Republic of Kenya.
- Kiggen, J. 1953a. *English-Ateso Dictionary*. The Tanganyika Mission Press, Tabora.
- , 1953b. *Ateso-English Dictionary*. The Tanganyika Mission Press, Tabora.
- Nagashima, N. & J. E. E. Elungata 1983. *Basic Vocabulary of Kenyan Ateso*. Department of Social Anthropology, Hitotsubashi University, Kunitachi.
- Ohta, I. 1984. Symptoms are classified into diagnostic categories: Turkana's view of livestock diseases. *African Study Monographs*, Supplementary Issue, 3: 71-93.
- , 1987. Livestock individual identification among the Turkana: The animal classification and naming in the pastoral livestock management. *African Study Monographs*, 8(1): 1-69.
- Verona Fathers 1972. *Karimojong Dictionary*. Marianum Press, Kisubi.
- Yukawa, Y. 1979. A tentative questionnaire for the words of Bantu languages. *Journal of Asian and African Studies*, 17: 139-212.

———Received July 7, 1989.

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I. HUMAN AND ANIMAL BODY

1. Head

1-01	head	: akou/ngakes, ngakoui
1-02	brain	: ngadam
1-03	spine	: eutune/ngiutune
1-04	occiput	: amedo/ngamedoi (lit. os occipitale)
1-05	hair of head	: etimat/ngitim
1-06	white hair	: akoruoit/ngakoruo
1-07	baldness	: angole/ngangolei (this term also means white patch on the forehead of livestock); apaire/ngapairei (lit. scar of the burn on the skin, bald place without plants); apalore/ngapalorei (this term means that nothing exists on the surface, e.g. desert)
1-08	face	: ereet/ngireetin
1-09	forehead	: akitapa/ngakitapai
1-10	wrinkles	: arinyoit/ngarinyo
1-11	eye	: akong/ngakonyen
1-12	eyebrow	: akiirit/ngakiir
1-13	eyelid	: amuny a akong (lit. skin of eye)
1-14	eyelash	: akiirit/ngakiir
1-15	eyeball	: ecopot/ngicop; eburet/ngibure (lit. globe)
1-16	pupil of eye	: itaok a akong
1-17	nose	: ekume/ngikumes
1-18	nostril	: epuke/ngipukei a ekume
1-19	mouth	: akituk/ngakituka
1-20	lip	: eponoi/ngipon
1-21	tongue	: angajep/ngangajepa
1-22	uvula, meat of uvula	: angirit/ngangirito
1-23	meat of uvula and gums	: ejakileit/ngijakilei
1-24	tooth, incisor	: ekyalai/ngikyal
1-25	molar	: ekaturoongot/ngikaturongoi
1-26	canine	: lokyalaangok/talokyalaangok (lit. teeth of dog)
1-27	cheek	: amatengen/ngamatengen
1-28	side head	: ekitinyo/ngikitiny
1-29	lower jaw, chin	: abokony/ngabokonyin
1-30	beard, mustache	: epenek/ngipeneka
1-31	ear	: akit/ngaki
1-32	earlobe	: ebonibonit/ngibonibon
1-33	neck	: eluute/ngiluutei
1-34	area from neck to chest	: emosiring/ngimosiringan
1-35	nape	: asidikidik/ngasidikidikya; esigirigir/ngisigirigiryo (lit. mane)
1-36	throat	: edokole/ngidokolei
1-37	tonsil	: egooroi/ngigooroi
1-38	Adam's apple	: etole/ngitolei (lit. dewlap of cattle, etc.)

2. Body

2-01	body, torso	: akwan/ngawat
2-02	skin	: amuny/ngamunyin
2-03	body hair	: ajulot/ngajul

2-04	body hair (which is straight and long, e.g. donkey's tail)	: esulot/ngisul
2-05	to be hairy	: acekes /TA
2-06	shoulder	: ekeper/ngikeperin
2-07	chest	: erarum/ngirarumo
2-08	breast	: ekisina/ngikisin; esikina/ngisikin
2-09	teat	: etupanit/ngitupan
2-10	belly, abdomen	: akooki/ngakookis
2-11	pit of stomach	: esidepidep/ngisidepidepyo
2-12	navel	: akapoli/ngakapolya
2-13	lower belly	: alipong/ngaliponga
2-14	armpit	: akirididi/ngakirididya
2-15	hair of armpit, underarm hair	: etimat a akirididi
2-16	side of body	: esep/ngisepyon
2-17	back of waist	: aabor/ngaaborya (lit. rear, backward)
2-18	loin	: alidet/ngalideta a aabor (alidet: a hollow)
2-19	back of body	: akau/ngakauwa
2-20	back: lower half	: eguru/ngigurai
2-21	back: lower than 2-20, higher than 2-22	: acir/ngacirin
2-22	hip, buttock	: ekawosiwosit/ngikawosiwosi; epateit/ngipate (lit. meat in the area of back of the upper thigh)
2-23	anus	: ewosin/ngiwosi
2-24	penis	: amiri/ngamiryo
2-25	testicle	: etout/ngitou
2-26	vulva	: akibony/ngabonyo
2-27	clitoris	: emonire
2-28	pubic hair	: etimat a alipong; ajulot a alipong

3. Arm

3-01	arm	: akan/ngakan
3-02	hand	: nidapal a akan
3-03	palm of hand	: tooma a akan (lit. inside of hand)
3-04	back of hand	: kityaama a akan
3-05	fist	: abunakinet a akan (abunakin: to grasp); akilulung a akan (akilulung: to make round)
3-06	finger, toe	: ekimuun/ngimoioyo
3-07	thumb	: ekimuun loapolon (lit. big finger)
3-08	forefinger	: ekimuun looci (lit. small finger)
3-09	middle finger	: ekimuun loalokiding (lit. finger in the middle)
3-10	third finger	: ekimuun looci (lit. small finger)
3-11	little finger	: ekimuun lokewesan
3-12	finger nail	: emaagerit/ngimaager; emaagoroit/ngimaagor
3-13	wrist	: egecot/ngigece
3-14	upper arm	: akalokiding/ngakalokidingo a akan
3-15	forearm	: ekiptis/ngikiptiso a akan
3-16	elbow	: ekurunyonyu/ngikurunyunya; esidongoror/ngisidongorora

4. Leg

4-01	leg, foot	: akeju/ngakejen
4-02	thigh	: akalokiding/ngakalokidingo a akeju
4-03	knee	: akung/ngakungin
4-04	knee cap	: apurukuc/ngapurukuco

4-05	upper part of leg	: akalokiding/ngakalokidingo a akeju
4-06	lower part of leg	: ekiipis/ngikiipilso a akeju
4-07	shin	: akatoroongot/ngakatoroongoi
4-08	calf of leg	: akiring a ekiipis (lit. meat of lower part of leg)
4-09	ankle	: etobolait/ngitobolai
4-10	foot	: akiceket/ngakiceketa (akicak: to step on); nidapal a akeju
4-11	sole	: etau a akeju (lit. heart of foot); tooma a akeju (lit. inside of foot)
4-12	heel	: atitinyo/ngatitiny
4-13	footprint	: akeju/ngakejen (lit. foot); akiceket/ngakiceketa (akicak: to step on)
4-14	footsteps, footfalls	: aruonut a akeju (lit. sound of foot)

5. Inside of body

5-01	bone	: akoit/ngakoiyo
5-02	bone marrow	: akimet a akoit (lit. oil of bone)
5-03	joint	: atubet/ngatubeta (akitub: to cut off)
5-04	skull (human skull including lower jaw)	: akulului/ngakululuyo
5-05	shoulder blade,	: akoit a eseget
5-06	collarbone, clavicle	: akoit a elaagamit
5-07	breastbone, sternum	: akoit a atorob
5-08	rib	: amaran/ngamaran
5-09	backbone	: akoit a eguru
5-10	hip bone	: akoit a ekalokot
5-11	blood	: ngaakot
5-12	vein	: akep/ngakepa
5-13	tendon	: amoriit/ngamori
5-14	heart	: etau/ngitai
5-15	diaphragm	: akab/ngakabua
5-16	trachea	: eporoto/ngiporotoi
5-17	lung	: euko/ngiukoi
5-18	esophagus	: lonya/talonya
5-19	stomach, the 1st stomach of ruminants	: aboi/ngaboi
5-20	the 2nd stomach of ruminants	: amekeni/ngamekeni
5-21	the 3rd stomach of ruminants	: apunuka/ngapunukai
5-22	the 4th stomach of ruminants	: atenus/ngatenusyo
5-23	liver	: emany/ngimanyin
5-24	spleen	: etid/ngitidai
5-25	gall-bladder	: apid/ngapidya
5-26	bile	: ngakipi a apid (lit. water of gall-bladder)
5-27	intestine, small intestine	: amalitenyit/ngamaliteny
5-28	large intestine	: epooli/ngipoolya
5-29	kidney	: engalura/ngingalur
5-30	urinary bladder	: ekulam/ngikulamya
5-31	placenta	: angasep/ngangasepa
5-32	womb	: aperit/ngaperito

6. Anatomy of livestock

6-01	skull (animal skull excluding lower jaw)	: abelekek/ngabelekekeya
6-02	muzzle part of skull	: ngasue
6-03	a part of muzzle of skull	: ngakatarabai
6-04	frontal part of skull (which remains after taking off the muzzle part of skull <ngasue> 6-02 from <abelekek> 6-01)	: epura/ngipurai
6-05	bone inside the ear	: eperekecuna/ngiperekecunai; ekulo/ngikuloi
6-06	meat of uvula and gums	: angirit/ngangirito
6-07	forelimb	: akuwat/ngakuwas
6-08	area around shoulder blade	: eseget/ngisegeta
6-09	cartilage on the edge of shoulder blade	: ekapeleekat/ngikapeleekai; etangarubobo/ngitangarooboi
6-10	upper arm, brachium	: areteny/ngaretenyo (when roasted); akalokiding/ngakalokidingo a akuwat (when boiled)
6-11	upper half of upper arm	: enyamu a areteny
6-12	lower half of upper arm	: nakibony a areteny
6-13	forearm	: asukonguro/ngasukonguroi (when roasted); ekipiis/ngikipiiso a akuwat (when boiled)
6-14	upper half of forearm	: ekurunyunyu a asukonguro
6-15	lower half of forearm	: akung a asukonguro
6-16	head of ulna	: ekurunyunyu/ngikurunyunya; esidongoror/ngisidongorora (lit. elbow)
6-17	hind leg	: amuro/ngamuroi
6-18	thigh (area of femur)	: akilelyang/ngakilelyanga (when roasted); akalokiding/ngakalokidingo a amuro (when boiled)
6-19	upper half of thigh	: nakibony a akilelyang
6-20	lower part of thigh	: enyamu a akilelyang
6-21	head of femur	: ejutanyit/ngijutanya
6-22	meat in the area of front thigh	: amanakileng/ngamanakilenga
6-23	meat in the area of back of thigh	: epateit/ngipate
6-24	cartilage around the knee joint, or in the foot of camels	: egei/ngigeya
6-25	meat in the back of knee joint	: apokupok/ngapokupokya
6-26	area of tibia	: ekiipiis, ekipisit/ngikiipiiso
6-27	upper part of tibia	: enyamu a ekiipiis a amuro
6-28	lower part of tibia	: nakodoso a ekiipiis a amuro
6-29	joint of ossa metatarsalia and os digitorum, knee joint	: akilibicet/ngakilibico; akibilicet/ngakibilico
6-30	head of os calcis	: nakodoso/ngakodoso
6-31	spur of a ruminant's leg	: egecot/ngigece

- 6-32 foot of animals : emolokonyit/ngimolokony (lit. area of ossa digitorum, area beneath the knee or hock of animals)
- 6-33 hoof : emaagoroit/ngimaagor
- 6-34 area consisted of head, neck, rib and upper back : amosiling/ngamosilingai (consisted of <akou> 1-01, <eluute> 1-33, and <ngicocok> 6-35)
- 6-35 area consisted of rib and upper back : ngicocok
- 6-36 chest to belly : atorob/ngatorobo
- 6-37 flank : akolikoli/ngakolikolya (a part of <atorob> 6-36)
- 6-38 flank (a part of) : apoli/ngapolya
- 6-39 costal cartilage : engaretanit/ngingaretan
- 6-40 sternum : akacoromoit/ngakacorom
- 6-41 area around collar bone : elagamit
- 6-42 area around the top of sternum, around dewlap : asalikait/ngasalika
- 6-43 horny pad on the chest of a camel : aekit/ngaekita
- 6-44 upper half of dewlap area : abokolim/ngabokolimo a ngicocok
- 6-45 lower half of dewlap area : abokolim/ngabokolimo a atorob
- 6-46 area beneath the shoulder blade : akórimeu/ngakorimeuo: akadalat/ngakadalai
- 6-47 area between base of neck and back : amejakut/ngamejakui
- 6-48 hump of camels & zebu cattle : aruk/ngarukya
- 6-49 side of body (9-13th ribs) : esep/ngisepyon
- 6-50 area of 10-11st dorsal vertebra to 2-3rd lumbar vertebra : eguru/ngigurai
- 6-51 meat of back of <eguru> 6-50 : lomorokin
- 6-52 area behind 3-4th lumbar vertebra : acir/ngacirin
- 6-53 top area of <eguru> 6-50 & <acir> 6-52 : akaluwat/ngakaluwai
- 6-54 meat around os sacrum : engobot/ngingoboto
- 6-55 area around hip bone : ekalokot/ngikalokoi
- 6-56 area of <acir> 6-52 & <ekalokot> 6-55 together : etudeit/ngitudei; etuli/ngitulin
- 6-57 area around tuber ischiadicum : ekisongot/ngikisongoi
- 6-58 base of bones, ears, and teeth : atorom/ngatoroma
- 6-59 joint : esingirememe/ngisingirememya
- 6-60 area of tongue, esophagus, trachea, lung and heart together : aropio
- 6-61 udder of mammal : aeket/ngaeketa
- 6-62 part found in the udder or testicles of an animal : akiryat/ngakirya (akiryat na aeket; akiryat na etout)

- 6-63 fiber taken from : aput/ngaputon
tendons
6-64 meat which was cut : apoet
together with the hide while skinning and stripped off afterwards
6-65 meat which is pared : ngakidanges
from inside of a hide after stripping off <apoet> 6-64
6-66 fat around the tail : asonyok/ngasonyoka
of sheep
6-67 tendon along the : alari/ngalari
back bone

7. Physiological phenomena

- 7-01 tears : ngakiyo
7-02 to shed tears : atoiyar ngakiyo /TA (ngakiyo: 7-01)
7-03 to wink : akiruap /KA
7-04 nasal mucus : esuruma/ngisuruma
7-05 to blow one's nose : akiuny, aunyun /TA
7-06 to pick one's nose : akimidimid /KA; akibek ekume /TA (akibek: to dig up); akitak ekume /KA (akitak: to take out sth. by fingers)
7-07 to twitch one's nose : akinyaiyo /KO (this term conveys a sense of insulting sb.)
7-08 [heart] to beat : akidong etau /KA
7-09 [heart] to beat : akidong etau lokajokon /KA
quickly, to throb with excitement
7-10 breath : ekiyanganu
7-11 to breathe : akiyanga /KA
7-12 to breathe quickly : akiyanga atipei /KA
7-13 to breathe in : akiyanga tooma /KA
7-14 to breathe out : akiyanga /KA
7-15 to blow : akitule, akitulekin /KO
7-16 spittle, saliva : akimulat/ngakimul
7-17 to spit out : akima, akimaar /KA (lit. to push sth. out of mouth); aruwater /TA
7-18 phlegm : arukom
7-19 cough : awala/ngawalasya
7-20 to cough : awalakin /TA
7-21 yawn : angaam/ngangaamyareta
7-22 to yawn : angaamiar /TA
7-23 hiccup : akisiga/ngakisigeta
7-24 to hiccup : akisigar /KA
7-25 sneeze : akikarisa/ngakikariset
7-26 to sneeze : akikarisar /KA
7-27 to belch : akiyarakin /KA
7-28 sweat : ngakiinyir
7-29 to sweat, : akinyinyir /KA (kenyinyirit ayong: I sweat)
to perspire
7-30 to sweat slightly : akisim /KA
7-31 dirt or grime on the : elos/ngilosyo
body
7-32 urine : ngakul
7-33 to urinate : akiloat /KA
7-34 feces : ngacin
7-35 to defecate : akibobon /KA
7-36 breaking wind, fart : ngacin
7-37 to break wind : aukin /TO

8. Senses

8-01	to see	: akingolikin /KA
8-02	to look at	: akitere /KO
8-03	to look at carefully	: acuan /TA
8-04	to find	: aanyungar /TA
8-05	to find, to see	: aanyun /TA
8-06	to be in sight	: atakan, atakanuun /TA
8-07	to disappear	: angopiar /TA
8-08	to obstruct the sight	: akirap /TA; akiterebiyor /KO
8-09	to watch, to stare	: akingolikin noi /KA; akitere noi /KO; akiyokuun /KO
8-10	to look for, to search	: akisak /TA
8-11	to look around	: angolengol /TA
8-12	to look toward [sth.]	: akingoliar /KA
8-13	to peek, to peep	: akirip /TA
8-14	to look into [sth.]	: aroun /TA
8-15	to watch over, to keep guard over	: akiyok /KO (lit. to herd animals)
8-16	to notice	: aanyun /TA; akiiyen /TA
8-17	to show	: akidodikin /KA; akitoodikin /KA
8-18	to hear	: akierar /KA (lit. to understand, to agree)
8-19	to listen to, to hear	: apupokin /TO
8-20	to strain one's ears	: amisikin /TA (lit. to pay attention, to suspect); atakar akit /TA
8-21	smell	: auris
8-22	to smell, to sniff	: akingore /KO
8-23	[sth.] to smell	: aurun /TO
8-24	to smell bad, to stink	: abos /TA
8-25	to smell good	: akukuny, akukunyuun /TO

II. ILLNESS AND INJURY

9. Illness; diseases

9-01	illness, disease	: edeke/ngidekei, ngidekesinei
9-02	to become ill	: adyak, adyakakin /TA
9-03	to infect	: atapakin /TA (katapak ayong iyong arukom: I infect you cold)
9-04	patient, invalid	: ekadyakan/ngikadyakak (adyak: 9-02)
9-05	to be in good health	: aduwarun /TA; akiyar akwan /TA
9-06	cold	: arukom
9-07	to catch cold	: akirum /KA (kerum ayong arukom: I have caught cold)
9-08	malaria	: elekes/ngilekesinei (lit. to be feverous and to shiver)
9-09	tetanus	: eteregege
9-10	paralysis (in the limbs)	: agule (infantile paralysis, paralysis caused by brucellosis, etc.)
9-11	hydrocele testis, swelling in testicles	: ague

9-12	coxitis [?]	: cirai
9-13	alveolar pyorrhea	: ejota
9-14	venereal disease	: elepot
9-15	dizziness, fainting	: eramatau (akiram: to beat + etau: heart. Dizziness caused by anemia, malaria, etc.)
9-16	hemoptysis, coughing up blood	: esep (lit. side of body)
9-17	jaundice, hepatitis	: kuwam (ekuwam: wind. Jaundice caused by hepatitis, etc.)
9-18	stiff shoulders	: lomaazei
9-19	tonsillitis	: logooroi (ngigooroi: tonsils)
9-20	heart disease	: kisina (ekisina: breast. Tachy cardia caused by pneumonia, fever of anemia, etc.)
9-21	Guinea worms	: lomoriit (amoriit: tendon)
9-22	respiratory disease	: euremem (difficulty in breathing, black phlegm, coughing, etc.)
9-23	enlarged spleen	: etid (lit. spleen)
9-24	enlarged liver	: lokapet (akapet: small piece of animal hide); loriwo
9-25	edema, nephritis syndrome	: sir
9-26	eye disease	: emomolit; loupe (Ngiupe: the Pokot)
9-27	disease of swollen body	: lomezekin (ngamezekin: sheep); lobuute
9-28	whooping cough	: lokid; lokud
9-29	disease accompanied by heavy headache	: lokou (akou: head)
9-30	disease with heavy diarrhea	: lomalitenyit (amalitenyit: intestine)
9-31	disease with bloody diarrhea	: ryok
9-32	a kind of disease	: lobai (symptoms of this disease are jaundice, becoming skinny, crack in the skin, etc.)
9-33	cholera [?]	: loleewa (disease with heavy diarrhea of white feces, vomiting and sudden death)
9-34	pneumonia [?]	: lomagali (disease with chest-back pain and vomiting blood)
9-35	epilepsy [?]	: marin (disease with a fit of fainting, caused by spirits <ngipyen> 60-08)
9-36	mumps [?]	: tumulado (akitum: to become fat + elado: 20-24)

10. Mental disorders

10-01	madness, insanity, mental illness	: ngikerep
10-02	to go mad	: akikerepikin /KO
10-03	mad person	: ekerepit/ngikerep; etuuwai/ngituuwai
10-04	to shout (like a madman)	: acala, acalakin /TA
10-05	to babble	: akiyan ngikerep, akiyan ngakiro a ngikerep /KA
10-06	foolishness	: abangaanut; abangibang
10-07	to be stupid, to be foolish	: akibangabang /TA
10-08	fool, idiot	: ekabangabangat/ngikabangabangai; ekabangibangit/ngikabangibang

11. Injuries

11-01	to injure	: akiwan /TA
11-02	[sb.] to bleed	: akii /TA
11-03	wound	: ajeme/ngajemei; adungot/ngadungon (lit. cut by knives, etc. akidung: to cut by knives, etc.); acilat/ngacilan (lit. scratch by thorns, etc. akicil: to tear); apocot/ngapoco (lit. an abrasion, a graze)
11-04	wound on the head	: ajeme a nakou
11-05	wale, weal	: emacar/ngimacarin
11-06	bump, lump	: elibokok/ngilibokoka
11-07	to get a bump	: eiei elibokok (lit. there is a bump)
11-08	pus	: ngabulon
11-09	scab	: akabokoiyat/ngakabokoiyata
11-10	scar	: emacar/ngimacarin; apaire/ngapairei (wide scar of burn, etc.)
11-11	to have a dislocated joint	: ariangakin /TA
11-12	to get a part of body barked	: abutor akwan /TO
11-13	to limp	: akicodo /KO

12. Skin diseases

12-01	swelling, growth, boil	: abus/ngabusyon
12-02	to swell	: abuore /TO; akililingiar /KA; akitar /KA (to swell after being bitten by insects)
12-03	[boil] to burst open	: abulo /TO
12-04	burn	: anomat/nganoman (akinom: 12-05)
12-05	to get burnt	: akinom /KA
12-06	water blister	: elebileb/ngilebilebuo (akilebileb: to fill [e.g. a bottle] by liquid)
12-07	mole	: akemer/ngakemera
12-08	wart	: etomitomit/ngitomitom
12-09	pimple	: ekangokit/ngikangoki
12-10	corn	: ebaibai (akiba: to get a crack)
12-11	ringworm	: akiserit; etubukai
12-12	ringworm (on the head)	: ekururuwa
12-13	scabies	: ameriwosin
12-14	sore caused by thorn stick, etc.	: ekamicirit/ngikamiciroi
12-15	a kind of swelling	: elepunait/ngilepunai
12-16	crack in the foot	: abaat/ngabaata (akiba: to get a crack)
12-17	sore caused by wearing beads on the neck	: ekaremony
12-18	sore in and/or between toes	: esidengidengit
12-19	measles, common-pox, small pox, chicken pox	: puuru
12-20	inflammation on the skin as a burn, anthrax	: enomokere

13. Symptoms

13-01	to ache, to be painful	: akiriyeb /TA; apipil /TA
13-02	to itch	: akiipi, akipere /KA
13-03	to scratch	: akiko /TO
13-04	dizziness	: akiirare
13-05	to feel giddy, to feel dizzy	: akiiryaun /KA; akimutet /KO (kemutete ayong akou: I feel dizzy)
13-06	to have heartburn	: akiko /KA
13-07	to feel nausea	: akilelere /KA (kelele ayong ibore, kelele ayong etau: I feel sick)
13-08	to vomit	: akilek, alekun /TA
13-09	to have no appetite because of illness	: akituuriyor /KO
13-10	to become tired	: aburun /TA (kaburunit ayong: I feel tired); akilo /KA (keloit ayong: I feel tired)
13-11	numbness, paralysis	: esaali (kating ayong esaali: I got paralyzed, etingit akeju na kang esaali: my leg has paralysis)
13-12	to become numb	: akisaalikin /KO (kesaalikinit ayong: I become numb)
13-13	to shiver	: amaran /TA
13-14	to faint	: akimutet /KO; akirakar /KA
13-15	to come to oneself, to wake from a faint or coma	: akikorun /KA; akikuwarun /KA
13-16	to suffer from pain	: ariyeb /TA
13-17	to groan (because of pain)	: akunua /TA
13-18	fever	: amonis; erirae (arira: 13-19)
13-19	to be feverous	: arira /TA
13-20	to have diarrhea	: akiurut /KO

14. Physical handicaps

14-01	lame person	: ekecodon/ngikecodok (akicodo: to limp)
14-02	walking stick (for a lame person)	: akicogoet/ngakicogoeta
14-03	to become crippled	: akingual /KA
14-04	crippled person	: ekangualan/ngikangualak (akingual: 14-03)
14-05	to become blind	: amudukan /TO
14-06	blind person	: emudukai/ngimudukanak
14-07	to become deaf and dumb	: akinim /KA
14-08	dumb and deaf person	: ekiming/ngikiming; ekakinimanan/ngikakinimanan (akinim: 14-07)
14-09	[dumb] to stammer, to stutter	: akiyegayega eroworo /KA (akiror: to speak)
14-10	dumb person	: ekeyagayagan/ngikeyagayagak (akiyegayega: 14-09)

15. Treatments

15-01	to stroke, to pat, to smooth, to rub	: akiwa /TA; apiar /TA
15-02	to press swelling in order to drain the pus	: akibul /TO

- 15-03 to squeeze with : akiret /TO (lit. to sweep off)
fingers (a kind of massage)
- 15-04 to press with : akicem /KA
fingers (a kind of massage)
- 15-05 to press with : akicak /KA
finger-tips (a kind of massage)
- 15-06 to crack one's : akidu /KA
joints (a kind of massage)
- 15-07 to extract a thorn : adotun /TO (lit. to pull out)
by pulling with fingers
- 15-08 to extract a thorn : akiku, akuun, akuare /TA
by using another thorn
- 15-09 to extract a thorn : akiluk, alukun /TA
by using knives, etc.
- 15-10 to suck out : akinak /TA
- 15-11 to smear medicine : akiwasakin /KA; akirigare /KA (lit. to rub,
to smear)
- 15-12 medicine : eketoi/ngikyoto
- 15-13 to phlebotomize for : akidung /TO (lit. to cut)
treatment of disease
- 15-14 to foment : akimad /KA
- 15-15 to bandage : akirap /TA (lit. to wrap, to cover);
akiyen /TA (lit. to tie)
- 15-16 to bleed by cupping : akinak /TA (lit. to suck)
- 15-17 cupping-horn : amatet/ngamateta
- 15-18 to rest : akiyanga /KA
- 15-19 to fan : akipukpuk /KO
- 15-20 to expose oneself to : akitukutakin ekuwam /KA
the wind to feel cool
- 15-21 to cure : akitangalekin /KO
- 15-22 to recover, : ajoker /TO; angalekin /TO
to become cured
- 15-23 to nurse, to treat : akitedek /KA
- 15-24 doctor : emuron/ngimurok
- 15-25 nurse : eketedyakan/ngiketedyakak (akitedek: 15-23)
- 15-26 to divine : akiduwar /TA (to foretell by dreaming)
- 15-27 to divine : akitam /TA
- 15-28 to divine : akituwa, atuware /TA (to divine by utilizing
calabash, rope, etc.)
- 15-29 to divine : akisemere etaba; akisemere ngamaliteny /KO
(to divine by reading tobacco, animal intestines)
- 15-30 to divine : akilamalam ngamuk /KA (to divine by
throwing sandals)
- 15-31 traditional doctor, : emuron/ngimurok
medicine man, diviner, prophet
- 15-32 diviner, prophet : ekaduwaran/ngikaduwarak (akiduwar: 15-26)
- 15-33 diviner, prophet : ekataman/ngikatamak (akitam: 15-27)
- 15-34 diviner, prophet : ekatuwan/ngikatuwak (akituwa: 15-28)
- 15-35 diviner, prophet : ekesemun/ngikesemuk (akisemere: 15-29)
- 15-36 to cure the one who : aokakin /TA
is suffered from <aurori etau>: a condition of the heart going away

16. Livestock diseases

(The possible disease names for each of Turkana's category of livestock diseases are listed in the English column)

16-01	swelling (in general), lymphadenitis, lumpy skin disease	: abus
16-02	bloat, swelling of stomach	: akitebukin
16-03	heartwater	: amili (akimilyaun: to flash, to glitter)
16-04	heartwater [?]	: eidihit (akidihit: to wag tail)
16-05	foot-and-mouth disease	: ebaibai (abaat: crack); lojaala (akijaalat: to slaver)
16-06	trypanosomiasis	: lokipl (akipi: water); edeke lo eidiit (edeke: disease, eidiit: tsetse fly)
16-07	trypanosomiasis, anthrax	: lotorobo (atorob: area of chest to belly)
16-08	foot-rot	: ekicodonu (akicodo: to limp)
16-09	mange mites	: ekoikoi (akiko: to scratch); emitina
16-10	anthrax	: loleewa (akileware: to die suddenly)
16-11	pasteurellosis, anthrax	: lookot (ngaakot: blood)
16-12	anthrax, black quarter	: enomokere (akinom: to burn)
16-13	black quarter	: lokicuma (akicum: to spear)
16-14	goat & sheep pox	: etune
16-15	battle jaw caused by fascioliasis or <u>Haemonchus</u>	: lobolibolyo (aboliboli: front part of the neck) <u>contortus</u> infection
16-16	swollen neck and head due to anthrax, black quarter, etc.	: logooroi (ngigooroi: tonsils); longarurei (ngingarurei: lymph nodes in the neck)
16-17	East Coast fever	: lokit (akit: ear)
16-18	East Coast fever, rinderpest	: loleeo
16-19	rinderpest	: lokiyo (ngakiyo: tears)
16-20	peste des petits ruminants [?]	: loutokonyen (autun: to pull out + ngakonyen: eyes)
16-21	anaplasmosis, babesiasis	: lonyang (-nyang: yellowish); lopid (apid: bile)
16-22	pink-eye	: lokonyen (ngakonyen: eyes)
16-23	joint or limb paralysis caused by East Coast fever, trypanosomiasis, etc.	: lokoit (akoit: bone)
16-24	CCPP, CBPP	: loukoi (ngiukoi: lungs)
16-25	difficulty in breathing caused by CCPP, CBPP or any obstruction of respiratory tract	: loyoduka (akiyaduk: [heart] to beat fast)
16-26	diarrhea caused by parasitism, rinderpest, East Coast fever, etc.	: lomalitenyit (amalitenyit: intestine)
16-27	diarrhea caused by salmonellosis or <u>Escherichia coli</u> infection	: loongoricuno (-ngori: brownish + ngacin: feces)
16-28	constipation [?]	: nawosin (ewosin: anus, buttocks)
16-29	stomatitis [?]	: ngiborok (akiborok: to be wounded around the mouth)
16-30	general term for difficulty in breathing	: euremem (akiurememe: to breathe fast, to wheeze)
16-31	fever caused by many diseases	: eiyala (akiyalakin: to be feverous and dull)

- 16-32 a kind of disease of male sheep in the penis : eloro (lit. a kind of mushroom)
 16-33 a kind of disease with constipation which occurs to goats & sheep kids : locit (akicirit: to have a toilet accident)

III. CLOTHING AND DRESSES

17. Clothing

- 17-01 clothes : eworu/ngiworui
 17-02 loincloth : atele/ngatelei; eworu lokiloga naabor (lit. cloth worn on the waist)
 17-03 to wear : akinap /TA
 17-04 to wear inside out : akibel /KO
 17-05 to clothe sb. : akitanap /KA (akinap: 17-03)
 17-06 to undress, to slip off : akilac, alacar /TA
 17-07 [clothes] to come off : acakun eworu /TA
 17-08 to help undress : akingarakin alacun /KA
 17-09 to be naked : abuter /TA; akileny /TA
 17-10 to become naked, to be naked : akitur /TO
 17-11 to loosen the dress : akilajalajaun /KA
 17-12 to draw up clothes : akipun eworu /KA
 17-13 [clothes] to become worn out : adaidaun /TA
 17-14 [clothes] to become torn : acila /TA (akicil: to tear)
 17-15 to wash clothes : akilot eworu, akilotar eworu /KA
 17-16 [clothes] to become dirty and odorous : akiunukare /KA
 17-17 soap : esabuni/ngisabuni
 17-18 to rinse : akilabun, akilabar /KA
 17-19 to spread (in order to dry clothes) : alokin /TO
 17-20 [washings] to dry : awoner /TO
 17-21 to take in washings : alacun /TA; akinyak ngoorui akai /KA (lit. to return clothes into hut)
 17-22 trousers (a pair of) : ngiwokoi
 17-23 shoes (a pair of) : amukat/ngamuk
 17-24 sandals (a pair of) : adetai/ngadetideta; amukat/ngamuk; apatupat/ngapatupatya
 17-25 to be barefoot : akitur /TO (lit. to be naked)

18. Sewing

- 18-01 thread : akiriit/ngakiir; aujit/ngauji
 18-02 to spin thread : awoikin /TO
 18-03 needle : emus/ngimusya (thorn of a plant called <emus>: Euphorbia triaculeata Forsk., which is used as a needle for sewing); emutu/ngimutun (thick needle for leather work, etc.)
 18-04 to thread (a needle) : akirepakin /KA
 18-05 to pierce : akiped /TO
 18-06 cloth : eworu/ngiworui

18-07	scissors	: emakasi/ngimakasi
18-08	to measure the body	: akitem /KO (lit. to test)
18-09	to make fitting (of clothes)	: akirirakin /KA
18-10	to sew	: akidony, adonyokin /TO
18-11	to try on (clothes)	: akining, akiningokin /KO (lit. to test, to try); akitem /KO (lit. to test)
18-12	[clothes] to fit	: akitemokin /KO
18-13	to untie	: akilak, alakar /TA
18-14	to knit	: akitok /TO
18-15	to hem	: akitutore /KO (term for sewing hem of sheet in order to stop ripping)
18-16	to patch	: akidap /TA

19. Dresses; make-up

19-01	to wash one's face	: akilotar ereet /KA
19-02	to brush one's teeth	: akisut ngikyal /KA; anyaka aketoi /TA (lit. to chew a twig)
19-03	to comb	: akiker /KA
19-04	comb	: akikeret/ngakikereta (akiker: 19-03)
19-05	to plait the hair	: akitok /TO (term for a kind of young men's hair-style); awoiyar /TO (lit. to make sth. long. Term for plaiting women's hair only)
19-06	to undo (hair)	: akilak, alakar /TA
19-07	to cut the hair	: akicud /TA; akitub /TO (lit. to cut)
19-08	to shave	: akibany /TA
19-09	razor	: ebanyet/ngibanyeta (akibany: 19-08)
19-10	to bathe, to wash one's body	: akilot akwan, akilotar akwan /KA (lit. to wash body)
19-11	to rub one's body	: akirigare /KA
19-12	to rub off water or sweat from the body	: akicidar /KA; akimet, ametar /TA
19-13	to rub off dirt from the body	: ananare /TA
19-14	to wash lower part of body after defecating or urinating	: akilotar ewosin /KA (lit. to wash buttocks)
19-15	to wipe (after defecating or urinating)	: akijut /TO (lit. to rub off); ametar /TA (lit. to wipe, to rub)
19-16	to put on accessories	: akisir /TO
19-17	to make up oneself (with cosmetics or accessories)	: akitokorian akwan /KA (lit. to decorate body)
19-18	mirror	: akinoket/ngakinoketa (akinok: to shine on, to light up)
19-19	to smear [sth.] on the body	: akinokakin /KA; akiwasar, akiwasakin /KA; akier /TA (term for smearing mixture of oil and red-clay for girls only)
19-20	to tattoo	: akiger /TA (lit. to tattoo by cutting with knives, etc. for decoration); akipiripir /KA (lit. to tattoo by pointed wood for decoration)

20. Traditional dresses and ornaments

20-01	ear-ring	: amaritoit/ngamaritoi
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20-02	oval-shaped metal ear ornament	: akaparaparat/ngakaparapara
20-03	ear-ring made of small beads	: epedeit/ngipedein
20-04	necklace made of thick wires	: alagama/ngalagam
20-05	armlet	: igelit/ngigel
20-06	metal armlet	: akwangat/ngakwangai
20-07	finger-ring	: ekaboobait/ngikaboobai
20-08	beads, necklace	: akoroumuwai/ngakoroumuwa
20-09	beads made of ostrich egg shell	: akirim/ngakirim
20-10	beads for necklace	: emus/ngimusyo (probably seeds of Ensete banana)
20-11	cap, hat	: apukot/ngapukoto
20-12	cap for old men made of pelican's feather	: aumo/ngaumoi
20-13	headband for men	: akalac/ngakalaca
20-14	beads-ornament of girls worn on the head	: ngalukyo
20-15	frog (for holding flowers)-like ornament for men on which feathers are put	: ngiteroi
20-16	head ornament for men made of wire and feather	: aikiiki/ngaikiikiyo
20-17	lip ornament made of ivory for men	: ekyalai/ngikyal (lit. ivory, tooth)
20-18	lip ornament worn beneath the lips	: atepes/ngatepeso
20-19	women's belt	: akoli/ngakolyo
20-20	girls' belt	: aruba/ngarubai; atuko/ngatukoi
20-21	newly married women's belt	: akipetes/ngakipetesya
20-22	belt-like ornament for girls decorated by beads	: eboli/ngibolyo
20-23	leather ornament worn beneath the knee	: akopot/ngakopoi
20-24	whip-like ornament used while dancing, worn on the arm	: elado/ngiladoi
20-25	girls' front apron	: ekude/ngikudei; esia/ngisiai; arac/ngaraca
20-26	married women's front apron	: aduwel/ngaduwelin
20-27	married women's back-apron	: abuo/ngabus
20-28	back-apron for old men worn around the waist	: edyongo/ngidyongoi
20-29	large sheep skin worn by women on the front	: egolos/ngigoloso
20-30	animal hide worn by old men on the back	: akaluwat/ngakaluwai
20-31	leather ornament decorated with beads for girls worn on the back, from neck to waist	: aremai/ngaremai
20-32	walking stick	: aburo/ngaburoi; amolok/ngamolokin; ebela/ngibelai; eiyomis/ngiiyomiso; esebo/ngiseboi
20-33	cudgel, heavy stick	: asoogat/ngasoogai

IV. EATING

21. Food

21-01	food	: akimuj/ngamuja
21-02	flour, meal	: ngakirya
21-03	stiff porridge (Sw. ugali)	: atap/ngatapai, ngatapy
21-04	to cook stiff porridge	: akipore atap /KO
21-05	stirring stick for cooking porridge, broth, etc.	: egeg/ngigeca
21-06	bread	: amukati/ngamukati
21-07	alcoholic drink	: epurot/ngipuroto, ngipuron; epurot lokiryoon (lit. clear and transparent alcoholic drink, i.e. spirits); epurot loongori (lit. gray alcoholic drink, i.e. fermented drink e.g. beer, etc.)
21-08	[alcoholic drink] to be strong	: akisileware /KA (akileware: 21-09); eduwar epurot
21-09	to get drunk	: akileware /KA; amera /TA
21-10	to ferment	: akitababar /KA (lit. to make sth. sour)
21-11	to become fermented	: akulaun /KA (lit. to be boiling)
21-12	to filter	: akili /TA
21-13	salt	: amakat/ngamakata
21-14	chili pepper	: ekamalera/ngikamalerai; epilipili/ngipilipilyo
21-15	oil, grease, fat	: akimet/ngakimeta
21-16	to make oil	: akisub akimet /TA; akidorokin akimet /KO (lit. to cook ghee, i.e. to make ghee by boiling butter-milk)
21-17	to melt grease by heating	: akitekeeyar akimet /KA
21-18	sugar	: esukari/ngisukari
21-19	tea	: ecai/ngicain; emején/ngimejenin
21-20	tobacco	: etaba/ngitab
21-21	soda eaten with chewing tobacco	: amakat/ngamakata
21-22	soda container	: asepede/ngasepedei
21-23	snuff	: asiji/ngasiji
21-24	pipe	: amakale/ngamakalei
21-25	to smoke tobacco	: akimat etaba /TA

22. Cooking

22-01	to cook	: akipore /KO
22-02	to boil, to stew	: akidorokin /KO
22-03	[water] to boil	: akulaun /KA
22-04	to boil (water)	: akitukulaun /KA
22-05	[water] to become hot	: arira, ariraun /TA
22-06	to bubble because of boiling	: akiwalar /KA
22-07	to foam	: akuun /TO
22-08	to boil over	: akipecun /KA (lit. to overflow)
22-09	to boil for many hours	: akikulare /KA

22-10	to stir (stew)	: akigur, akigurokin /KO; akipir, akipirakin /KA (lit. to stir as if to drive a gimlet)
22-11	steam	: apuru/ngapurusyo
22-12	to roast, to grill	: akipe /TO
22-13	to fry	: akikuring /KO
22-14	to become well cooked	: akonere /TO
22-15	[meat] to be raw, to be not-cooked enough yet	: ajon /TA
22-16	raw meat	: ereng akiring (lit. red meat)
22-17	[meat] to become rot, to spoil	: akiumakin /KA
22-18	cooking-stone	: ekyaala/ngikyaaal
22-19	to put a pot on fire	: akidorokin /KO (lit. to cook by boiling); akiwaakin amoti lokyono /KA (lit. to put cooking pot on the fire)
22-20	to take off a pot from fire	: akitaatoun /KO
22-21	to warm (food)	: akitomonun /KA (amonun: to be hot)
22-22	to share food to several people from the pot	: akikor /TA
22-23	to dish up food	: akiwod /TO; akiwok /TO
22-24	to pour	: akidok, akidokakin /KA
22-25	to fill (a bottle)	: akileleb, akilebileb /KA
22-26	to become full	: akilelebun /KA
22-27	to overflow	: akipekun /KA
22-28	to pour out	: akibuk /TO (22-29)
22-29	to empty (a bottle)	: akibuk /TO
22-30	[bottle] to be empty	: awoner /TO (lit. to dry up)
22-31	empty bottle	: elapat ecupa
22-32	[bottle] not to dry up, not to be exhausted	: acokocok /TA
22-33	to season	: akipur /TO (lit. to fumigate wooden milk container by putting firewood in)
22-34	to sprinkle	: akipurpur /KA

23. Tableware

23-01	cooking pot, clay pot	: amoti/ngamoti
23-02	pot	: akurum/ngarumo, ngakurumo (milk container); akurum apanikac (milk container); akutam/ngakutama (oil container); ebur/ngiburin (oil container); eburilojula/ngiburinlujulayek (oil container); elepit/ngilepito (milking pot, akilep: to milk); atudu/ngatudui (shallow milking pot)
23-03	vessel	: akyuruyet/ngakyuruyeta (oval-shaped wooden vessel); ateger/ngategerin (large wooden vessel); atuba/ngatubai (wooden vessel)
23-04	calabash	: etwo/ngitweli; aporot/ngaporota (long calabash)
23-05	bottle	: ecupa/ngicupai
23-06	cork, top	: abole/ngabolei
23-07	lid	: apukenit/ngapukenito; aburet/ngabureta (akibur: 23-09); apanikor/ngapanikorya
23-08	to seal with a top	: aniken /TO

23-09	to cover with the lid	: akibur /TA; akirap /TA (lit. to cover)
23-10	to take out the top	: apukor /TO; angaar /TA (lit. to open)
23-11	to take off the lid	: apukor /TO; anganyar /TA (lit. to open, to uncover)
23-12	plate, dish	: alapac/ngalapaca (shallow wooden plate); atuba/ngatubai (wooden vessel); erite/ngiritei (basket-like woven plate); adere/ngadere (calabash cut into two and used as a plate)
23-13	to wash (a plate)	: akilot, akilotar /KA
23-14	cup	: akolo/ngakoloi; ekopo/ngikopoi
23-15	glass	: egilasi/ngigilasya
23-16	spoon	: akaloboc/ngakaloboco; akijiko/ngakijikoi
23-17	to scoop up (with a spoon)	: akiwod /TO; akiwok /TO (lit. to scoop up food with a spoon and dish up); akikab /TA (lit. to scoop up food with a spoon and eat)
23-18	flat wooden spoon for cooking and serving	: akiguret/ngakigureto (akigur: to stir)
23-19	flat wooden spoon for serving	: awodet/ngawodeto (akiwod: 23-17)
23-20	ladle	: akaloboc a ngakipi (lit. spoon of water); awoket/ngawoketo a ngakipi (akiwok: 23-17)
23-21	bucket	: edoo/ngidooi; egyalany/ngigyalanya
23-22	can, tin	: ekopo/ngikopoi

24. Eating

24-01	to eat	: akimuj /KA; akinyam /TA
24-02	to give food	: ainakin akimuj /TA
24-03	to feed	: akitan /KA
24-04	to wash one's hands	: akilot ngakan, akilotar ngakan /KA
24-05	to lick	: akime /TO
24-06	to lick [sth.] with one's finger	: akimid /TA
24-07	to scoop up (e.g. food, chewing tobacco) with hand	: akimuk /TA
24-08	to sweep with finger and eat food at the bottom of a vessel	: akiiyeny /TA
24-09	to scrape the food stuck to the bottom of the pot	: akikit /KA
24-10	to put [sth.] into one's mouth	: akilookin /KO; akirapakin nakituk /KA
24-11	to fill one's mouth	: akisusukin /KA
24-12	to sip	: ajujut /TA
24-13	to sip [e.g. hot soup]	: akijet /KA
24-14	to taste [e.g. when seasoning food with salt, spices, etc.]	: akiir /KA
24-15	to drink	: akimat /TA
24-16	to make sb. drink	: akitamat /KA (akimat: 24-15)
24-17	to swallow	: akilikor /KO
24-18	to gnaw (as a rat)	: akigit /KA; akirut /TO
24-19	to chew	: anyaka /TA
24-20	to crunch	: angurub /TO
24-21	to munch	: akimujmuj /KA; akimulmul /KA; akinak /TA (lit. to suck)

24-22	hunger	: akoro/ngakorosyo (kanyamit ayong akoro: I feel hungry)
24-23	famine	: erony/ngironya, ngironyisya
24-24	thirst	: akure (kanyamit ayong akure: I feel thirsty)
24-25	to become satisfied with food	: akimon /KO
24-26	to become jammed in the throat	: akimed /TA
24-27	to skip a meal, [livestock] to skip daily watering	: akiron /TO
24-28	to forbid to eat certain food	: akitengerar akimuj /KO (lit. to forbid food)
24-29	to refuse to give out food	: akimik akimuj /KA; akitenger akimuj /KO; apukor /TO

25. Condition of food

25-01	to taste good	: ebob
25-02	to taste bad	: epena
25-03	to be hot (e.g. chili)	: eduwar
25-04	to be bitter (e.g. unripe fruits)	: etitir
25-05	to be sour (e.g. lemon)	: ebar
25-06	to be sweet	: euniuny
25-07	to be salty	: elalam
25-08	[tea] to cool down	: aiyor, aiyon, aiyoner /TO; alilimer /TO
25-09	to make [sth.] cool down	: akitiyyor /KO (aiyor: 25-08)
25-10	[food] to become dry and hard	: akosiar /TA; aonere agogonger /TO (lit. to dry up to become hard)
25-11	[bread] to be hard	: agogong /TO
25-12	[bread] to be soft	: anonok /TA; anyusukuk /TO
25-13	to become soft	: anonoker /TA
25-14	[biltong] to become soft after boiling	: akinyalik ngatoosa /KO
25-15	[nuts] to become soft after boiling	: apudakak /TA
25-16	[food] to become scorched	: akiluruvin /KO; akimuudiyor /KO (lit. [food] to be scorched and stick to the bottom of cooking pan)
25-17	crust	: emuudut/ngimuudui (akimuudiyor: 25-16)
25-18	food which is left stuck to the bottom of the pot after sharing	: emodoli/ngimodolya
25-19	[meat] to become scorched, to become burnt	: anomiar akiring /KA
25-20	to rot	: akibos /TA
25-21	[meat] to be rotten	: abos /TA
25-22	to be sour	: asasam /TA (term for the tea with little sugar, little milk, etc.)
25-23	must, mold	: emaato/ngimaatoi; ekurorua/ngikurorua; eunuka/ngiunukai
25-24	to become musty, to become moldy	: akiting emaato /TA (lit. to have must)
25-25	poison	: ekiserit/ngikiserito; eketol ekaaran (lit. killing plant)

V. DWELLING AND HOUSEHOLD

26. House

26-01	hut	: akai/ngakais (night hut); ekoli/ngikolya (day-time hut); etyam/ngityaman (small night-hut made by an unmarried girl for her boy friend)
26-02	to build (house)	: akiduk, adukokin /TO
26-03	stick for building a hut, kraal, etc.	: ereges/ngiregesin
26-04	door	: akituk/ngakituka (lit. mouth); ekidori/ngidorin (lit. gate of homestead, kraal, etc.); ekek/ngikekya; egoliet/ngigoliet (akigol: 26-05)
26-05	to shut (door)	: akigol /TO
26-06	to lock	: akigol ekipuli /TO
26-07	to knock (on the door)	: akidongodong emulanngo /KO
26-08	to open (door)	: angaar /TA
26-09	sleeping place	: aperit/ngaperito (akiper: to sleep, to lie down); niperot (akiper: to sleep, to lie down)
26-10	fireplace, kitchen	: ekyono/ngikyonoi
26-11	room	: agule/ngagulei; amaniyat/ngamaniyae (small room made in the <akai> 26-01, for women who have lately given birth)
26-12	to decorate	: akitokorian /KA; akisir /TO; akisibus /KA (abus: to be beautiful, pretty)
26-13	toilet	: ecoron/ngicorono; moding (lit. outside of homestead)
26-14	wall	: arotat; atyakat/ngatyak (akityak: to separate)
26-15	to interlace sticks, to weave	: aluguruun /TO
26-16	to daub soil on wall	: akiruwat /TA
26-17	brick	: ngabaan
26-18	crack in wall	: abaat/ngabaata (akiba: 26-19); eciit/ngicowan (akici: to split)
26-19	to get a crack	: akiba /TA
26-20	floor (of a house)	: kwap akai
26-21	to spread soil on the floor	: amudakin /TA; apetakin ngalup akai /TA
26-22	to make the ground surface smooth	: akilalakin, akilalaun /KA
26-23	to make the ground surface smooth by hand	: akipuc /KA
26-24	roof	: kidyaama akai
26-25	to thatch	: akiraparap /KA; akimuk /KO (lit. to cover)
26-26	to thatch with grass	: abilakin ngakuui /TA
26-27	window	: epuke/ngipukei
26-28	post (of a hut)	: akom/ngakomyon; apiri/ngapirin
26-29	granary	: edula/ngidulai; ekeru/ngikerui (shelf made in the hut on which grains are stored and hidden from outsiders)
26-30	platform to keep on the look out for	: epem/ngipemin
26-31	fence	: alaar/ngalaarin
26-32	to fence	: akiduk alaar /TO

26-33	open space	: alapatu/ngalapatui
26-34	place	: aro/ngaroatin; akuwap/ngakuwapin
26-35	homestead, home	: awi/ngauyei; adakar/ngadakar
26-36	courtyard	: alepyet/ngalepyoto (area in front of livestock enclosure. akilep: to milk); kiding awi (lit. center of homestead)
26-37	to dwell, to live in, to inhabit	: akihoi /KO (lit. to stay)
26-38	to move one's residence	: akiwot /TO; aramakin /TA
26-39	to settle after moving homestead	: akilom /TA
26-40	to pack luggage	: akiyen eegos /TA
26-41	to pack luggage for moving	: akiyen ngasaaja /TA (lit. to pack carrying baskets. ngasaaja: 26-43)
26-42	to load luggage for moving	: akidokokin /KO (lit. to load luggage on donkeys' back for moving)
26-43	luggage basket	: asaajait/ngasaaja (basket to be loaded on a donkey's back for moving)

27. Furniture

27-01	bed	: epem/ngipemin
27-02	pillow, headrest	: ekicolong/ngikicolongo
27-03	mat	: ailalat/ngailala; amalal/ngamalalya (mat of woven palm-leaves)
27-04	leather mat	: ejomu/ngijom (mat of dried animal hide); akapet/ngakap (small piece of <ejomu>)
27-05	to cover oneself with [sth.]	: akimukokin /KO
27-06	blanket	: eburankit/ngiburankito; esampur/ngisampuro
27-07	desk	: epem/ngipemin
27-08	chair	: ekicolong/ngikicolongo (akicolong: to straddle, to sit on [sth.]); amakuk/ngamakuko
27-09	ladder	: adoket/ngadoketa (akidok: to get on, to climb, to cross); epir/ngipirin (lit. steps made on the wall of deep wells)
27-10	shelf	: ekeru/ngikerui; epem/ngipemin
27-11	to plait a mat, to weave a mat	: akidony amalal /TO
27-12	to spread a mat	: apetakin amalal /TA
27-13	to fold a mat	: abilakin amalal /TA
27-14	to roll up a mat	: apopirikin amalal /TA

28. Cleaning

28-01	to clean	: akilot /KA
28-02	to sweep	: apiar /TA
28-03	broom	: apiye/ngapieta (apiar: 28-02)
28-04	to gather up rubbish with a broom, to rake	: atukokin /TO
28-05	to rake rubbish	: acunakin ngatunyenyi /TA
28-06	to take away and throw away rubbish	: amudar /TA
28-07	rubbish	: asakatany/ngasakatanya; atunyenyi/ngatunyenyi

28-08	rubbish heap	: atuket/ngatuketa a asakatany (akituk: to assemble, asakatany: 28-07); elaak/ngilaakya (place with many livestock bones which was discarded after feasts)
28-09	dust	: apin/ngapinia; apuwa/ngapuwai
28-10	to shake off dust	: akilakalakar /KA
28-11	to beat off dust	: atuwar ngapuwai /TA
28-12	to wipe	: akirigare /KA; apiar /TA; akisantiar /KA (lit. to wipe with <asanite> 28-13)
28-13	dust-cloth	: asanite/ngasanitei (dust-cloth made of animal tendons or tree barks)
28-14	to become dirty	: akikamun elos /KA (lit. to catch dirt)
28-15	to be dirty	: eiei elos (lit. there is dirt)
28-16	[room] to be dirty	: aborok /TO; angoryaner /TA
28-17	[room] to be clean	: aseger /TA
28-18	to become jammed	: akigolokin /TO (lit. to block)
28-19	to remove (sth. that is stuck)	: autun ibore /TO (lit. to pull out thing)

VI. KINSHIP

29. Family

29-01	my father	: apa/taapa kang
29-02	your [sing.] father	: apa kon
29-03	his/her father	: apa keng
29-04	our father	: apa yok (inclusive of the addressee); apa kosi (exclusive of the addressee)
29-05	your [pl.] father	: apa kusu
29-06	their father	: apa kec
29-07	my mother	: ito/taito kang
29-08	your [sing.] mother	: ito kon
29-09	his/her mother	: ito keng
29-10	our mother	: ito yok (inclusive of the addressee); ito kosi (exclusive of the addressee)
29-11	your [pl.] mother	: ito kusu
29-12	their mother	: ito kec
29-13	parent	: ekeuren/ngikeuriak (auri: to give birth)
29-14	my grandfather	: apaa/taapaa kang
29-15	your [sing.] grandfather	: apaa kon
29-16	his/her grandfather	: apaa keng
29-17	our grandfather	: apaa yok (inclusive of the addressee); apaa kosi (exclusive of the addressee)
29-18	your [pl.] grandfather	: apaa kusu
29-19	their grandfather	: apaa kec
29-20	my grandmother	: ataa/taataa kang
29-21	your [sing.] grandmother	: ataa kon
29-22	his/her grandmother	: ataa keng
29-23	our grandmother	: ataa yok (inclusive of the addressee); ataa kosi (exclusive of the addressee)
29-24	your [pl.] grandmother	: ataa kusu
29-25	their grandmother	: ataa kec

29-26	child	: ikoku/ngide
29-27	son	: edia/ngide; lokoku/talokoku
29-28	daughter	: ikoku nipese; nakoku/tanakoku
29-29	first-born child	: ikoku nikiya; ikoku nikidouno ekigaren (lit. child who was born first)
29-30	his/her brother	: ekaitotoit/ngikaitotoi keng; lokato/ngikaitotoi keng (his/her full-brother); lokapa/ngikaipapai keng (his/her half-brother)
29-31	his/her sister	: akaitotoit/ngakaitotoi keng; nakato/ngakaitotoi keng (his/her full-sister); nakapa/ngakaipapai keng (his/her half-sister)
29-32	elder brother	: lokato loapolon
29-33	elder sister	: nakato naapolon
29-34	younger brother	: lokato looci
29-35	younger sister	: nakato naaci
29-36	grandchild	: aliakat/ngaliakan; etatait/ngitatai
29-37	paternal uncle	: apa (lit. father)
29-38	maternal uncle	: amai/taamai
29-39	paternal aunt, maternal aunt	: eiya/taeiya
29-40	stepfather	: apa lokeruman
29-41	mother: the wife of the father in polygynous marriage	: ito nace (lit. another mother)
29-42	mother: the wife whom the father inherited from sb.	: ito nakeruman (lit. inherited mother)
29-43	stepchild	: ikoku nikeruma (akirum: to inherit)
29-44	cousin	: lokapa: FBS; nakapa: FBD; lokaamai: MBS; nakaamai: MBD; lokeiya: FZS & MZS; nakeiya: FZD & MZD
29-45	nephew	: lokoku/talokoku: a man's brother's son; loceni/ngicenin, taloceni: a man's sister's son; loyeyait/ngikaiyeiyai: a woman's brother's or sister's son
29-46	niece	: nakoku/tanakoku: a man's brother's daughter; naceni/ngacenin, tanaceni: a man's sister's daughter; nayeyait/ngakaiyeiyai: a woman's brother's or sister's daughter
29-47	co-wife	: nakain/ngakainon
29-48	orphan	: ikoki/ngikokyok
29-49	family	: awi/ngauyei
29-50	kin	: eiyyenet/ngiyyenet (akiiyen: to know)

30. Marriage

30-01	[a man] to get married	: akiwot, akiwotar /KA
30-02	[a woman] to get married	: akiut /KA (keusi ayong: I got married)
30-03	marriage, wedding	: akoota/ngakootasya
30-04	(a kind of) wedding dance	: ekimomar/ngimomarisinei a akoota
30-05	an ox speared in the day of wedding	: ekuma
30-06	[a man] to take a girl to his homestead on	: akoomar /KA the assumption that he will marry her

- 30-07 [a woman] to change the dressing from that of a girl to that of a married woman : akinyonyo /KA (this term is also used when a young man changes his dressing at the time of initiation ritual)
- 30-08 to give a wedding gift of livestock : akibut /KO (lit. to compensate. Livestock given to the wife-receiver from his friends, etc., see 53-46); anyar /TA (lit. to call. Livestock given from bridegroom's people to the bride by calling the bride's name)
- 30-09 bride : apese nakoota (lit. girl of marriage)
- 30-10 bridegroom : ekewotan/ngikeutak (akiwot: 30-01)
- 30-11 gift of marriage negotiation : emalas/ngimalasinoi (lit. greeting. Gift given from the suitor of a girl to her kinsmen without their demands); etoolo/ngitooloi (gift given from the suitor of a girl to her kinsmen without their demands, before she accepts him); ekamus; earakany (gift given from the suitor of a girl to her kinsman on demand, after she has accepted him)
- 30-12 bride wealth : ngibareng akoota (lit. livestock of marriage); ngibareng a akiteek (bride wealth which is paid beforehand. akiteek: to go before sb. or sth.)
- 30-13 one's share of the received bride wealth : ekimar
- 30-14 bride wealth negotiation : eloto
- 30-15 husband : ekile/ngikilyok (lit. man)
- 30-16 her husband : ekile keng
- 30-17 wife : aberu/ngaberu (lit. woman)
- 30-18 wife (newly married wife who has not given birth) : ateran/ngaterak
- 30-19 his wife : aberu keng
- 30-20 husband's brother : lomui/ngimuyok
- 30-21 a man's brother's wife : namui/ngamuyok
- 30-22 husband's sister : namui/ngamuyok
- 30-23 a woman's brother's wife : namui/ngamuyok
- 30-24 husband's brother's wife : nakain/ngakainon (lit. co-wife)
- 30-25 widow : apuserut/ngapuseru
- 30-26 to perform a ritual when a widow accepts a man as a sexual partner : amookakin /TA
- 30-27 principal wife : aberu naapolon
- 30-28 to marry the second wife : akiwotar aberu na ngaarei, akiwotar aberu naaci /KA
- 30-29 wife's father : apa (lit. father); ekamuran (30-32)
- 30-30 wife's mother : ito (lit. mother); akamuran (30-32)
- 30-31 wife's brother : ekamuran (30-32)
- 30-32 affine : ekamuran/ngikamurak; akamuran/ngakamurak
- 30-33 rituals performed after the wedding <akoota> 30-03, according to the wife's life cycle : esia; adere a ngiboro; eloupotis; ngakejen a ngibareng; abuo; akimuj; lobunat; ngasuban (necessary rituals vary depending on the wife receiver's clan's <etali> 55-02)

- 30-34 to divorce : akilak /TA (lit. to unpack, to untie. arosi ayong elakit ngibareng lu kang: I go to untie my livestock = I divorce); akityak /TA (lit. to part)
- 30-35 to commit adultery : akilom /TA
- 30-36 the one who commit adultery : ekaloman/ngikalomak (akilom: 30-35)
- 30-37 unmarried mother : apese angabus (lit. a girl with a married women's back-apron, 20-27)
- 30-38 [a man] to pay livestock to the kinsmen of an unmarried mother whom he impregnate : akicul /KA (payment is called <ekiculi>)

31. Childbirth and rearing

- 31-01 to become pregnant : apoti, apotere /TO
- 31-02 to have morning sickness : akitumtuma /KA
- 31-03 fetus : ikoku nipotiuno
- 31-04 to give birth : akidoun /KO
- 31-05 to be born : akidouno /KO
- 31-06 woman who lately bore a child : aketanakan/ngaketanakak (lit. the one who suckles, akitanak: 31-17); aberu namanangit (lit. lactating woman)
- 31-07 baby : ikoku/ngide (lit. child)
- 31-08 umbilical cord : apusit/ngapusito
- 31-09 twin : emout/ngimuu
- 31-10 midwife : akesidounon/ngakesidounok (akisidoun: 31-11)
- 31-11 to help sb.'s delivery : akisidoun /KO (lit. to cause to give birth. akidoun: 31-04)
- 31-12 name : ekiro/ngirora
- 31-13 to give a name : alimokin ekiro /TO
- 31-14 to bring up children : akitan /KA
- 31-15 to grow : apoloun /TO
- 31-16 to look after (a child) : akitan /KA; akitere /KO; akuyok /KO (lit. to herd animals)
- 31-17 to suckle, to breast-feed : akitanak /KA (lit. to cause to suck. akinak: 31-18)
- 31-18 to suck the breast : akinak esikina /TA
- 31-19 to spill out of mouth : ajelele /TA
- 31-20 to vomit milk : akilek ngakile /TA
- 31-21 to soothe (a crying child) : akimaima /KA; akisililing /KA (lit. to cause to calm down)
- 31-22 to embrace, to hug : akitanakan /KA; akitanatan /KA
- 31-23 to carry (a child) on the back : akinap /TA
- 31-24 baby sling : anapet/nganapeta (akinap: 31-23)
- 31-25 to hold a child in the arms : akidak /TA
- 31-26 to hold sb. on the knees : akidak a ngakungin /TA
- 31-27 to wipe excreta off a child body : akijut /TO
- 31-28 sterile woman : akolup/ngakolupai

VII. HUMAN BEING

32. Human being

32-01	person	: itwan, itungunan/ngitunga
32-02	man	: ekile/ngikilyok
32-03	woman	: aberu/ngaberu
32-04	boy	: edia/ngide
32-05	girl	: apese/ngapesur
32-06	young man	: esapat/ngisapa; esorokit/ngisorok
32-07	[boy] to become mature	: akiboyakoun /KA (lit. [penis] to grow)
32-08	[girl] to become mature	: akiburun /KA (lit. [breast] to become projected)
32-09	to be initiated socially into the adulthood of men	: asapan /TA
32-10	to be the initiation-father of a young man	: akitasapan /KA (asapan: 32-09)
32-11	to circumcise	: akilenger /KA (The Turkana do not perform circumcision)
32-12	adult	: itwan niapolon (lit. big person)
32-13	to become aged	: amojong, amojongiar /TA
32-14	old woman	: akimat/ngakimak
32-15	old man	: ekasukout/ngikasukou
32-16	old age	: amojong
32-17	to stoop from age	: akudokin koteri amojoung /TO

33. Death

33-01	to die	: atonere /TA
33-02	death	: akyut/ngakitusya
33-03	dead person	: ekaton/ngikatok (atonere: 33-01); ekesian/ngikesiak (those who died long ago. ?akisere: to begin)
33-04	corpse	: akwan ekatoan/ngawat ngikatoak (akwan: body, atonere: to die)
33-05	to be alive, to live	: akiyar /TA
33-06	to have pulse (in case of a dying person)	: akidongare etau /KA (lit. heart beats)
33-07	to revive	: aiyarun /TA
33-08	living person	: ekaiyaran/ngikaiyarak (akiyar: 33-05)
33-09	life	: akiyar
33-10	to announce sb.'s death	: akikeun akyut a itwan /KA
33-11	to bury (the dead)	: akida, akidaar /KA (lit. to hide); akiuwa /KA (lit. to hide); akinuk /TA (lit. to bury)
33-12	grave	: aliel/ngalielin
33-13	funeral held immediately after the death	: ngakuronoret
33-14	funeral: ritual on expiration of mourning period	: ngapunyes
33-15	to be in mourning	: akilur /TO (to shave hair, not to spear or give out animals, not to castrate or bleed animals, to cut mane and tail hair of animals)
33-16	to inherit	: akirum /KA
33-17	inherited property	: ngiboro lukuruma (ngiboro: things, akirum: 33-16)
33-18	wealth, property	: ebari/ngibareng (also means livestock)

VIII. ANIMALS

34. Domestic animals

34-01	cat	: epaka/ngipakai
34-02	to scratch	: akiketeket /KA; akiko /TO
34-03	to mew	: aruore /TO (for cats, goats, camels, donkeys, jackals, birds, etc.)
34-04	dog	: iingok/ngiingoko
34-05	to bark	: akikom /KO (for dogs, baboons, etc.)
34-06	to snarl	: akingoor /KA
34-07	to yelp, to yip	: akigoro /KO; arukin /TO
34-08	to bite	: akikony /TA
34-09	[animal] to copulate	: akitep /KA (lit. to mount)
34-10	to give birth	: auri /TA
34-11	[livestock] not to become pregnant for a long time	: auweiyar /TA
34-12	cattle	: ngaatuk
34-13	bull	: emaanik/ngimaaniko
34-14	ox	: emong/ngimongin
34-15	cow	: aite/ngaatuk
34-16	heifer	: ataok/ngatak
34-17	calf (of cattle)	: itaok/ngitak (immature wild animals are also called by this term)
34-18	goat	: nganginei; nganginei namee; ngamee
34-19	he-goat	: ekoroi/ngikora
34-20	she-goat	: angine/nganginei
34-21	sheep	: ngamezekin
34-22	donkey	: ngisikirya
34-23	camel	: ngikaala
34-24	[terms of age-sex classification of livestock, see Appendix 1]	
34-25	horse	: ngangolei
34-26	mane	: esigirigir/ngisigirigiryo
34-27	pig	: eputir/ngiputiro (lit. warthog)
34-28	[pig] to grunt	: aruore /TO
34-29	to get fat	: akitem /TA
34-30	to castrate	: agelem /TA (by cutting open the scrotum and pulling out testicles and seminal ducts); akikony /TA (lit. to bite. To bite off seminal ducts); akidong /KA (lit. to beat. To cut off the seminal ducts without bloodshed by beating with a wooden hammer)
34-31	wooden hammer for castrating animals (see 34-30)	: ekidongit/ngikidongito
34-32	horn	: amuwara/ngamuwar
34-33	to train livestock	: akiram /TA (lit. to beat); akidung /TO (lit. to cut, to whittle); akimad /KA (lit. to forment)
34-34	[terms for horn shapes of animals, see Appendix 2]	
34-35	udder	: æket/ngaæketa
34-36	milk	: ngakile
34-37	fresh milk	: ngakile nalepan
34-38	sour milk, yogurt	: ngakile nakibuk
34-39	butter milk	: ngakidedet
34-40	cheese	: edodo
34-41	coagulated milk film which develops on the surface when heated	: elaabo/ngilaaboi

- 34-42 ghee, oil made from milk : akimet/ngakimeta
- 34-43 to milk : akilep /TO
- 34-44 milking pot : elepit/ngilepito (akilep: 34-43)
- 34-45 to milk a livestock and consume the milk : akidal /KA (lit. to obtain and keep the right on the milk of specific individual animals)
- 34-46 to clean milk container by smoking : akisud /TO
- 34-47 stones to wash inside of churning gourds : akeasit/ngakookes
- 34-48 [female animal] to adopt another's offspring, to accept another's offspring to suckle : akiun /KA
- 34-49 to make female animal to adopt another's offspring for suckling : akirony /KA
- 34-50 to separate livestock kid and its mother at night : akiodakin /KA
- 34-51 in order to milk the mother in the next morning to bleed animals with bow and arrow : akigum /TA (lit. to shoot with a bow)
- 34-52 bow for bleeding livestock for human consumption : akab/ngakabua
- 34-53 to keep (animals) : aiyakar /TA (lit. to have, to be with)
- 34-54 to feed (animals) : aiyapakin /TA (lit. to cut sth. for sb., i.e. to feed animals by cutting off branches of trees)
- 34-55 kraal, corral, enclosure : anok/nganokin
- 34-56 to open the gate of kraal : angaar ekidori a anok /TA
- 34-57 to close the gate of kraal : akigol ekidori a anok /TO
- 34-58 to herd animals : akituar /TA; akiyok /KO
- 34-59 herd of livestock : esipanit/ngisipan
- 34-60 herder : ekeyokon/ngikeyokok
- 34-61 to set free (animals) : alacakin /TA
- 34-62 to fasten, to tie (animals) : akiyen /TA (lit. to tie)
- 34-63 brand (of livestock) : emacar/ngimacarin (each clan has its specific brand, see 54-07)
- 34-64 clan's ear mark of livestock : epone/ngiponei
- 34-65 [terms for ear-marking types, see Appendix 3]
- 34-66 [cow] to ruminate : akiyarun /KA; anyakaikin /TA
- 34-67 sticky saliva : akajaalat/ngakajaala; akimulat/ngakimul (lit. spittle)
- 34-68 to slaver : alakakin ngakajaala /TA
- 34-69 bell, cowbell : ekaadongot/ngikaadongoi
- 34-70 terms for livestock coat color : -akwang: white; -kiryoon: black; -aryangan: red; -nyang: yellow, orange; -ngori: gray, grayish brown; -kipurat & -bok: pale reddish purple; -pus: blue, green, yellow-green; -mugi: purple
- 34-71 [terms for coat color patterns of livestock, see Appendix 4]

35. Wild animals

35-01	wild beast	: etiangit/ngitang
35-02	baboon	: ecom/ngicom
35-03	[monkey] to shout	: akikom /KO
35-04	blue monkey	: ekadokot/ngikadokoi
35-05	Abyssinian colobus	: elala/ngilalae
35-06	patas monkey	: eula/ngiulai
35-07	lion	: engatuny/ngigatunyo
35-08	mane of lion	: ngaile
35-09	claw, fingernail	: emaagoroit/ngimaagor
35-10	leopard	: eris/ngirisyo
35-11	cheetah	: arara/ngararai
35-12	spot	: akomolo/ngakomolo; akemer/ngakemera (lit. mole)
35-13	caracal	: lokutoj/ngilokutoja
35-14	spotted hyena	: ebu loongori/ngibuin luongora
35-15	striped hyena	: nagira/ngagirai
35-16	civet	: panase/ngapanase
35-17	genet	: nameresia/ngameresia
35-18	jackal	: ekue/ngikuei
35-19	lycaon, hunting dog	: epeot/ngipeei
35-20	bat-eared fox	: ameguri/ngameguro
35-21	ratel	: ekori/ngikorya
35-22	zorilla	: uurungorok/tauurungorok
35-23	a kind of mongoose	: euce/ngiuce; kokaas/ngikokaasya; jite/ngijite
35-24	elephant	: etom/ngitome
35-25	tusk	: ekyalai a etom
35-26	hair of the elephant tail	: esulot a ekosim a etom
35-27	warthog	: eputir/ngiputiro
35-28	fang (of warthog)	: ekyalai a eputir
35-29	hippopotamus	: epiro/ngipiro
35-30	rhinoceros	: amosing/ngamosingo
35-31	zebra	: etuko/ngitukoi
35-32	hedgehog	: napupu/ngapupui
35-33	elephant shrew	: nakoler/ngakoleruo
35-34	rabbit, hare	: apoo/ngapooi
35-35	ground squirrel	: ekunyuk/ngikunyuko
35-36	crested porcupine	: ecec/ngiceca
35-37	aardvark	: lokuto/ngikutoi
35-38	rock hyrax	: adukai/ngadukai
35-39	dormouse	: eles/ngilesya
35-40	a kind of rat	: eiyole/ngiyyolei; erunye/ngirunyei; emiri/ngimirito
35-41	Cape pangolin	: amekemek/ngamekemekya
35-42	giraffe	: ekori/ngikoryo
35-43	dik-dik	: esuro/ngisuroi
35-44	impala, gazelle (Thomson's gazelle)	: agete/ngagetei
35-45	lesser kudu	: esaric/ngisarico
35-46	greater kudu	: emakata/ngimakatai
35-47	topi	: elob/ngikolobai
35-48	beisa oryx	: edir/ngidirin
35-49	eland	: euwapet/ngiwapeto
35-50	buffalo	: ekosowan/ngikosowa
35-51	bat	: lononua/talononua

35-52	hide (of an animal)	: elou/ngiloui; ejomu/ngijom (dried hide of an animal used as a mat)
35-53	hair (of an animal)	: ajulot/ngajul
35-54	tail	: ekosim/ngikosiman
35-55	male	: emaanik/ngimaaniko
35-56	female	: aberu/ngageru
35-57	herd	: ajore/ngajorei; asepic/ngasepico; atyom/ngatyomyon (very large one)

36. Hunting

36-01	to hunt	: akirika /KA; akisirum /KA
36-02	hunter	: ekerikan/ngikerikana (akirika: 36-01); ekalokan/ngikalokak (akilok: 36-26)
36-03	trail (foot prints) of wild animals	: ngakejen a ngitiang (lit. feet of wild animals)
36-04	to track, to follow (animals)	: akiwap /KA
36-05	to stalk	: anyamakin /TA
36-06	to lie in wait	: aperun /TO (lit. to lie down)
36-07	to startle (game animals)	: akikotun /KA; akisur /TO
36-08	to chase	: akiritar /KA
36-09	to surround	: akirikaun /KA; akiryam /KA
36-10	to chase away loudly	: akikilakin /KA (lit. to shout at)
36-11	bow	: amod/ngamodo
36-12	bowstring	: auno/ngaunoi a amod
36-13	arrow	: emali/ngimalya
36-14	arrow shaft	: asiin/ngasiina a emali
36-15	arrowhead	: ecipet/ngicipeta; akituk a emali (lit. mouth of arrow)
36-16	to shoot with a bow, to hit (the target)	: akigum /TA
36-17	gun	: atom/ngatomyan
36-18	bullet	: emali/ngimalya
36-19	gunpowder	: ngakuk a emali (ngakuk: black fine sand found in the river bed or lake. emali: arrow, bullet)
36-20	spear	: akwara/ngakwaras
36-21	to throw a spear	: akirem, aremor /TO
36-22	to stab	: akicum /KA
36-23	shield	: aupoli/ngaupola
36-24	trap	: aloket/ngaloketa (akilok: 36-26)
36-25	a kind of trap	: eloit/ngiloito; atacit/ngatacita; atibai/ngatibai
36-26	to set a trap	: akilok, alokakin /TA
36-27	net	: epuute/ngipuutei
36-28	pitfall	: adui/ngaduwon
36-29	to kill	: akiar /TA
36-30	to slaughter, to cut the throat	: akingol /TA
36-31	to cut open the belly	: apuor /TO
36-32	to cut open the belly (of sacrifice while it is still alive)	: angeer /TA
36-33	to skin (with a knife)	: akiyeng /TA
36-34	to skin (by pulling)	: abutun /TO
36-35	fur	: elou/ngiloui

- 36-36 to peg out animal : akiguror /KO
hide to dry
36-37 to cut off meat from : akipac /KA
bones
36-38 meat, flesh : akiring/ngaringo
36-39 fatty meat : atarien/ngatarieny; akiring naakwang (lit.
white meat)
36-40 soup, broth : ngapoko

37. Reptiles, etc.

- 37-01 mamba [?] : loupoli/taloupoli (aupoli: shield)
37-02 puff-adder [?] : akipom/ngakipomya
37-03 python [?] : emorotot/ngimorototy
37-04 a kind of snake : ekalesoit/ngikaleso; lokolita/talokolita;
namuduka/tanamuduka, ngamudukai; areu/ngarewa;
emuny/ngimuny (several kinds of snake are
included in this category); emuny
lolingaaryangan; emuny lolingabok; emuny
lokipurat; emuny lokiryoon
37-05 [snake] to cast off : akibut /TO
its skin
37-06 [snake] to coil : alugur, alugurokin /TO
around [sth.], to coil up
37-07 [snake] to creep, : aliare /TA
to crawl
37-08 chameleon : ageya/ngageyai
37-09 crocodile : akinyang/ngakinyanga
37-10 tortoise : abokok/ngabokoko; naatuk/tanaatuk
37-11 monitor : anakanak/nganakanaka (Nile monitor)
37-12 a kind of lizard : ayole/ngayolei; atangarewa/taatangarewa;
lokaacal/ngikaacal; naluluyo/ngaluluyoi;
tuotuo/tatuotuo
37-13 snail : elap/ngilapyo
37-14 shellfish : ekame/ngikam
37-15 cowry : esigirait/ngisigira
37-16 toad, frog : akidodok/ngakidodoka

38. Fish

- 38-01 fish : ekolia/ngikolya
38-02 to fish : akirumun ngikolya /KA
38-03 to fish by nets : akicem /KA
38-04 to fish with line : akisirum /KA
38-05 fishhook : ekorobic/ngikorobico
38-06 fishing trap : epuute/ngipuutei
38-07 gill : ejakileit/ngijakilei
38-08 fish scale : ekabebyokait/ngikabebyoka
38-09 to scrape off scales : akiragarag /KA
38-10 bone (of a fish) : akoit/ngakoioy

39. Birds

- 39-01 bird : ikeny/ngikeny
39-02 dove : kuuri/ngakuryo (ring necked dove, red eyed
dove, pink breasted dove, mourning dove);
kidomeryo/ngakidomeryoi (namaqua dove)

39-03	pigeon	: kuurinaemoru/ngakuryonaemoru (speckled pigeon)
39-04	francolin	: abilikeret/ngabilikereta (crested francolin)
39-05	guinea-fowl	: atapen/ngatapeno (tufted guinea-fowl)
39-06	eagle, hawk	: egole/ngigolei
39-07	vulture	: atarukot/ngataruk (hooded vulture, white headed vulture); nabobokile/ngabobokilyo (Egyptian vulture)
39-08	ostrich	: ekalees/ngikaleeso
39-09	stork	: nakora/tanakora (term for several kinds of storks); nanyamacin/nganyamacin (lit. feces eater, i.e. marabou stork); napele/ngapelei (open billed stork)
39-10	crow	: ekuruk/ngikuruka (Cape rook, fan-tailed raven, pied crow)
39-11	parrot	: arukot/taarukot (brown parrot)
39-12	duck	: abata/ngabatai
39-13	chicken	: ekukut/ngikukui; akukut/ngakukui; ekokoroit/ngikokoro; akokoroit/ngakokoro
39-14	crest	: etelitelit/ngiteliteli
39-15	to crow	: akiryamar /KA
39-16	to cackle	: akitet /KA
39-17	egg	: abeiye/ngabeyei
39-18	to lay eggs	: auri ngabeyei /TA
39-19	to incubate	: akitik /TO; auryan, auryanikin /TA
39-20	chick	: ltaok a akukut (lit. calf of hen)
39-21	wing	: abebenyit/ngabebeny
39-22	feather	: akopiro/ngakopir
39-23	beak, bill	: abole/ngabolei
39-24	[bird] to pick up food bit by bit, to peck	: akidot /TO
39-25	talon	: emaagoroit/ngimaagor
39-26	[bird] to fly	: akipor /TO
39-27	[bird] to take off, to take wing	: akipor kidyaama /TO
39-28	[bird] to spread wings	: apetar ngabebeny /TA
39-29	[bird] to close wings	: abunakin ngabebeny /TA
39-30	[bird] to flap wings when flying	: akipukpuk /KO
39-31	[bird] to struggle and flap wings when shot down	: akipetpet /KA
39-32	to twist the neck (of a bird)	: amojir /TA (lit. to twist)
39-33	to pluck out feathers	: akicud /TA
39-34	to singe off feathers	: akiwangwang /TA
39-35	[bird] to sing	: aruore /TO
39-36	nest (of birds)	: akai (lit. hut)

40. Insects and worms

40-01	insect	: ibore/ngiboro (lit. thing)
40-02	honey-bee	: ao/ngaowa
40-03	beehive	: amoloj/ngamoloja
40-04	honey	: akimet a ao (lit. oil of honey-bee)

40-05	to take out honey	: akiwod /TO (lit. to scoop up)
40-06	bee wax	: amonok/ngamonokyo
40-07	[bee] to sting	: akigum /TA
40-08	bee sting	: ekoiyot/ngikoi
40-09	to fillip off (e.g. insects)	: adetar /TA
40-10	to brush off, to sweep off (insects)	: akotar /TA
40-11	dung beetle	: ekolonyo/ngikolonyoi
40-12	beetle	: eilet/rgilee; emalegeri/ngimalegera
40-13	long-horned beetle [?]	: esipirany/ngisipiranya
40-14	rhinoceros beetle [?]	: lomuwar/talomuwar (ngamuwar: horns of cattle, etc.)
40-15	weevil [?]	: losikiria/talosikiria
40-16	lady beetle	: naleki/tanaleki
40-17	dragonfly	: ekaoroworot/ngikaoroworoi
40-18	butterfly, moth	: abeere/ngabeerei
40-19	firefly	: ame/ngameiyo
40-20	grasshopper	: emaase/ngimases
40-21	desert locust	: emaase/ngimases
40-22	cricket	: ekajekel/ngikajekela
40-23	[grasshopper] to jump about	: akipor, aporpor /TO
40-24	spider	: asimokok/ngasimokoka
40-25	cobweb	: akai a asimokok
40-26	driver ant	: ekukurit/ngikukurito
40-27	termite	: ekatapan/ngikatapania
40-28	anthill, termite hill, termite mound	: akoumuwa/ngakoumuwa
40-29	a kind of ant	: asingilil/ngasingililya; asipinyo/ngasipin; ataa ngikong/taataa ngikong; ekadengoroit/ngikadengoro; ekoki/ngikok; esunonait/ngisunonuwai
40-30	black ant	: loter/ngiterya
40-31	praying mantis	: adokole/ngadokolei
40-32	cicada	: eidiit/ngidiita
40-33	millipede	: akamuryamurya/ngakamuryamuryai
40-34	centipede	: amatadueli/ngamataduelya
40-35	scorpion	: ekoutan/ngikoutanya
40-36	tsetse fly	: eidiit/ngidiita
40-37	cockroach	: lomodokongori/ngimodokongora
40-38	mosquito	: esurot/ngisuro
40-39	gnat	: longiset/talongiset
40-40	flea	: ekajoojaat/ngikajoojaai
40-41	body louse, bed louse	: elacit/ngilac
40-42	head louse	: ngakotor
40-43	tick	: emadang/ngimadang
40-44	bed-bug	: ekorobot/ngikorobotoi
40-45	fly	: ecut/ngicuc
40-46	[flea, louse, etc.] to swarm on [sth.]	: akicun, acunakin /TA
40-47	caterpillar, maggot	: ekurut/ngikur
40-48	hairy caterpillar	: ekurut lokacakan
40-49	leech	: kotili/takotili

40-50 tape worm

: epele/ngipeelei (found in human feces);
eritanit/ngiritan (found in animal intestines)

IX. PLANTS

41. Plants

- 41-01 grass, weed : enyait/nginya
 41-02 burnt grass : anomat/nganomata (akinom: to burn)
 41-03 to cut grass : akiyep nginya /TA
 41-04 moss : erikopus/ngirikopuya
 41-05 mushroom, toadstool : ekicolong ebu (lit. chair of hyena)
 41-06 parasitic plant : eduwel/ngiduvelyo
 41-07 [plant] to come out : akirup /TA
 41-08 to germinate : akiburukun /KA
 41-09 [plant] to grow : arupun /TA
 41-10 [bush] to grow thick : amuton /TO
 41-11 [vine] to spread : apetar /TA
 41-12 [vine] to grow : akimanaman /KA
 around another tree
 41-13 tree : eketoi/ngikyoto
 41-14 to fell, to cut down : akiyep /TA
 (a tree)
 41-15 [tree] to fall down : aukor /TO
 41-16 tree-trunk : atorom/ngatoroma a eketoi
 41-17 log : eketoi/ngikyoto
 41-18 to scar the trunk of : akitel /KO; akidengideng /KO (lit. to beat by
 a tree bush-knife)
 41-19 tree bark : akaabuket/ngakaabuk
 41-20 to take off the bark : akipac /KA
 41-21 to take fiber out of : aboloc /TA (lit. to peel off the bark. One of
 a plant the step of taking fiber from branches of
 Dead-sea fruits); akida /TA (lit. to pound.
 One of the step of taking fiber from leaves of
 Sansevielia spp.)
 41-22 tree sap : ngakile a eketoi (lit. milk of tree);
 ngakul a eketoi (lit. urine of tree)
 41-23 resin : emina/ngiminai
 41-24 tree-fork : akicer/ngakicara (akicer: 41-27)
 41-25 tree-hollow : acukule a eketoi (lit. trench of tree)
 41-26 branch : ateni/ngaten; ecokili/ngicokil (tip of
 branches); akulit/ngalita (thin branch of tree
 top)
 41-27 [branch of trees] to : akicer /KA
 branch off
 41-28 to cut off a branch : akiyep ateni /TA
 41-29 part at which a : ekagurugurat/ngikagurugurai
 branch was cut off
 41-30 base of tree-trunk : atorom/ngatoroma
 41-31 stump of a tree : akom/ngakomyon; apungure/ngapungurei
 41-32 root : ataagoroit/ngataagor
 41-33 leaf : akuyen/ngakuui
 41-34 to strip off leaves : ajurut /TA
 (from a branch)
 41-35 to tear off leaves : akigeriger /KA
 (from a branch)

41-36	flower	: aturot/ngatur
41-37	flower bud	: acarubeit/ngacarubei
41-38	[flower] to bear bud	: apukare /TA
41-39	to flower	: apekeiar /TA
41-40	to bloom, to blossom	: aturoun /TO
41-41	fruit	: ecoket/ngicok
41-42	to bear fruits (yet unripe)	: akileleng /KO
41-43	[fruit] to be unripe	: ajon /TA (lit. to be raw)
41-44	to check the ripeness of fruits by pressing	: akicemcem /KA (lit. to push by finger-tips)
41-45	[fruit on the tree] to ripen, to become ripe	: akira /TA; akonere /TO
41-46	[fruit on the tree] to become overripe	: akonere noi /TO
41-47	[fruit on the tree] to rot	: akibos /TA
41-48	[fruit on the tree] to dry up	: akiriny /TO
41-49	[fruit] to drop onto the ground	: araraun /TA; akidoun /KO (lit. to give birth)
41-50	to take fruits	: akiger /TO
41-51	to break off fruit from the tree or bunch	: akidot /TO
41-52	to shake down (fruit)	: akiloilo /KO
41-53	to shake down (fruit) with a hook	: akinere /KA
41-54	to drop (fruit)	: akimasun /KA
41-55	to catch hold with a hook	: akinyaun /KA
41-56	hook	: egole/ngigole; ereges/ngiregesin
41-57	flesh of fruit	: akiring/ngaringo (lit. meat)
41-58	stone of fruit	: ecoket/ngicok
41-59	skin of fruit	: akabokoiyait/ngakabokoiya; apocot/ngapoco
41-60	to peel with a knife	: akikul /TA
41-61	to peel by rubbing	: akireny /KA (lit. to take shell, to rind off by rubbing)
41-62	to peel (e.g. a banana)	: aboloc, abolociar /TA
41-63	seed	: ecoket/ngicok
41-64	sheath	: akabokoiyait/ngakabokoiya; akabolokoki/ngakabolokokyo (fruits of <u>Acacia tortilis</u> Forsk.)
41-65	[seed] to pop out, to come out of the sheath	: akipak /TA (lit. to split)
41-66	thorn	: eukwai/ngiukwa
41-67	[plant] to wither	: aoniyor /TO

42. Crops

42-01	palm, doum palm	: eengol, ekingol/ngingolya
42-02	midrib of palm-leaf	: akingol/ngangolya (ekigol: 42-01)
42-03	rice	: emucele/ngimucelein
42-04	maize grain	: epeipei/ngipeipea
42-05	sugar cane	: akasirimait/ngakasirim
42-06	groundnut	: ekaranga

42-07	sweet potato	: ebiasi loakabon
42-08	potato	: ebiasi/ngibiasya
42-09	tobacco	: etaba/ngitab
42-10	banana	: edisi/ngidison
42-11	calabash	: etwo/ngitweli
42-12	orange	: amacunngat/ngamacunngai
42-13	papaya	: epaipai/ngipaipaya
42-14	mango	: amaembet/ngamaembe
42-15	pineapple	: ananas/ngananaasya
42-16	coffee	: ekaawa/ngikaawai
42-17	lemon	: edim/ngidimon
42-18	coconut	: anas/nganaasya
42-19	sorghum	: emuwae/ngimwa, ngimwomwa
42-20	cowpea	: emaret/ngimare
42-21	cotton	: epamba/ngipambai

43. Cultivation and harvests

43-01	to farm	: akitakin /KA
43-02	cultivating field	: eiyaal/ngiyaala; amana/ngamanat; emanikor/ngimanikorin (place where many <amana> are gathered)
43-03	boundary of gardens	: ekukor/ngikukoro
43-04	to cut off the bushes and clear the ground	: akicap /TA
43-05	machete	: epannga/ngipanngai
43-06	to weed	: akicud edoan /TA; akilem edoan /TA
43-07	to cultivate	: akitare /KA
43-08	digging stick	: akuta/ngakutai; ekileng lokitaet (with an iron edge)
43-09	ax	: aep/ngaepe
43-10	hoe	: ejembe/ngijembe
43-11	handle (of a hoe)	: akujuk/ngakujuka; eketoi a ejembe (lit. stick of a hoe)
43-12	to seed	: aekin /TA; akiel /TA
43-13	sickle, harvesting knife	: elemet/ngilemeta; ekileng lolemet (akilem: 43-14)
43-14	to harvest by sickle	: akilem /TA
43-15	to thresh by pounding	: akida /TA (lit. to pound)
43-16	to strip off (rice)	: ajurut, ajurutuun /TA; akiger /TO
43-17	to spread to dry (grains)	: alokin /TO
43-18	sift	: aliet/ngalieta (akili: 43-19)
43-19	to sift	: akili /TA; apiatar /TA
43-20	winnow	: akiekeeket/ngakiekeeketa (akiekeek: 43-21)
43-21	to winnow	: akiekeek /KA
43-22	to pound grain, to make flour	: akida /TA (lit. to pound); akiruk /TO (lit. to smash)
43-23	to husk and clean rice	: akisek /TA
43-24	mortar for pounding	: aruket/ngaruketa (akiruk: 43-22)
43-25	pestle	: akujuk naruket (43-11, 43-22)
43-26	to grind, to mill	: akirere /KA
43-27	flat grind stone	: akires/ngakiresya
43-28	globe grind stone (rubbed against the flat one: 43-27)	: itapin/ngitapyono

- 43-29 to uproot plants : akirut /TO
 43-30 to dig out : akibok, abokun /TA
 (e.g. potatoes)
 43-31 to dig the soil : akikur /TO
 43-32 to take out beans : akibek /TA; akidot /TO
 (from the sheath, or pod)

X. BODY ACTIONS

44. Sleeping

- 44-01 to lie down, : akiper /TO
 to sleep
 44-02 to lie on one's back : akidedyaar /KA
 44-03 to sleep : ajotoor /TO
 44-04 sleep : ngaju
 44-05 to dream : akiruj, akirujare /KA
 44-06 dream : ngarujan
 44-07 to talk in one's : akiror a ngaju /KO
 sleep
 44-08 to snore : akingoor /KA
 44-09 to turn while : akibelokin /KO
 sleeping
 44-10 to feel sleepy : akilur, akilurun /KA
 44-11 to doze : akilur /KA
 44-12 to wake up : akenyun /TA
 44-13 to feel muddled : akimauware /KO
 after waking up
 44-14 to wake up sb. : akitekeny, akitekenyun /KA (akikeny: 44-15)
 44-15 to be awake : akikeny /TA
 44-16 to wake up early in : akisokakin /KA
 the morning and leave off
 44-17 to stay overnight : akisal /TA
 44-18 to spend a night : aperor /TO (akiper: 44-01)
 (somewhere)

45. Body actions

- 45-01 to stand up : akiwo /TA
 45-02 to get up (from : anyoun /TA
 lying)
 45-03 to jump out of bed : akuraun /TA
 45-04 to help sb. to sit : akitonyoun /KA (anyoun: 45-02)
 up
 45-05 to sit down : akiboikin /KO
 45-06 to straddle : akicolong /KO
 45-07 to crouch : akijor /TO
 45-08 to kneel down : aredik /TO
 45-09 to lie flat : abubur /TO; akiper akooki /TO (lit. to lie on
 the belly)
 45-10 to bend over : akudokin /TO
 45-11 to straighten : akitenar, akitenikin /KA; ariyor /TO (lit. to
 oneself straighten, to unfold)
 45-12 to tread on : akicak /KA
 45-13 to stumble : akukuriyor /TO

45-14	to stumble and fall down	: akikumakin /KA; aramakin /TA
45-15	to stumble sb.	: akilegeun /KA
45-16	to slip (because of mud)	: aceretiyar /TA; acurutar /TA
45-17	to be slippery	: acurut /TA
45-18	slippery place	: aro nacurut (aro: place, acurut: 45-17)
45-19	to stagger	: akiryangaryanga /KA; akitereter /KO
45-20	to fall, to tumble	: adakar /TA
45-21	to turn while lying	: akibelökin /KO
45-22	to crawl	: akile /TA
45-23	to rest one's cheek in one's hand	: akitasieno /KO
45-24	to lean (against [sth.])	: agongakin /TA; atipen /TO (lit. to support oneself by leaning against sth.)
45-25	to sprawl	: akitenar /KA
45-26	to open the legs	: anganyar ngakejen /TA
45-27	to open the mouth	: anganyar akituk /TA
45-28	to open the eyes	: anganyar ngakonyen /TA
45-29	to close the eyes	: amuduk /TO
45-30	to show one's teeth	: angiun /TA; akitoodiun ngikyal /KA (lit. to show teeth)
45-31	to face at [sth.]	: akingoliar /KA; akenyikin /TA (lit. to face toward sth. and stare it)
45-32	to turn one's back	: akimulen /TO; akibongokin akau /KO
45-33	to step back	: akikutor /KO; akibong kaku /TO (lit. to return back)
45-34	to wave one's hand	: akiikiik akan /KO; akotakin /TA (lit. to raise one's hand)
45-35	to invite sb. by waving	: anyaraun a akan /TA (lit. to call this way by hand)
45-36	to give a secret signal by pinching and/or winking	: akidong /TA
45-37	to give a signal by waving	: akikekin akan /KA (lit. to wave hand)
45-38	to point	: akidod /TA
45-39	to shake one's head	: akimungumung akou /KA
45-40	to nod	: akiikin /KA; akilek akou /KA
45-41	to stretch oneself (to touch [sth.])	: ariyor akwan /TO
45-42	to jump, to jump over	: akipor /TO
45-43	to step over	: akikalam /KA; akilam /KA
45-44	to dangle	: akinenokin /KO; akipun /KA
45-45	to hit [sth.] by accident	: akinang, anangakin /TA
45-46	to bump (against sb.)	: akituryaikin /KA
45-47	to divert, to turn away (direction of sth.)	: akisiitor /KO (lit. to cause to pass by. akiitor: to pass by)
45-48	to avoid (e.g. a flying stone)	: asegaikin /TA
45-49	to block the way, to be in the way	: akitorobikin /KO; akigol erot /TO (lit. to block the way)
45-50	to block, to bar sb.'s way (with one's arms)	: akiryatakin /KA; akitorobior /KO

45-51	to get out of the way	: akiyotor, akiyotun, akiyotokin /KO; atiakin /TA
45-52	to put [sth.] in the way	: akiruwokin /KA; akigol /TO (lit. to close)
45-53	[sth.] to block the way	: alegerikin ibore lorot /TA
45-54	to remove what is in the way	: apogar /TA
45-55	to move [sth.]	: akisiyotor /KO (akiyotor: 45-51)
45-56	to hide oneself	: akiduk /TA

46. Movements

46-01	to go	: akilot /TO
46-02	to go (to destination)	: akideng /TO
46-03	to go away	: ayakar /TA
46-04	to leave, to set out	: alotokin /TO (akilot: 46-01); asaar /TA
46-05	to leave secretly and quietly	: asiwakin /TA
46-06	to go ahead of sb.	: akingarenikin /KO; akiteek /KA
46-07	to arrive	: akidol, adolun /TO; akinang, anangun /TA
46-08	to stay	: akibol /KO
46-09	to remain	: akidong /KO
46-10	to return, to come back	: akibong, abongun /TO; akidesiun /KA; abelun /TA
46-11	to go straight	: akidiir /KA
46-12	to turn, to change the direction to go	: akinacar /KA; akiitor /KO (lit. to pass by)
46-13	to turn to the right	: akilodakin teten /KA
46-14	to come	: abunere /TO
46-15	to come from (somewhere)	: abunere /TO (lit. to come)
46-16	to enter	: alomar /TA
46-17	to go out, to come out	: apudor /TO
46-18	to get on	: akidok /TA
46-19	to get down	: adokun /TA
46-20	to jump down	: akipor /TO
46-21	to climb (mountain or tree)	: akidok /TA
46-22	to climb down	: atiyaun /TO
46-23	to go beyond a mountain	: atiyaar lomoru /TO
46-24	to go down (e.g. into the well)	: adoiyor /TO
46-25	to approach	: aapikin /TA
46-26	to move off, to move away	: awotokin /TO; acadar /TA
46-27	to run away	: akipungar /KA; amatar /TA
46-28	to catch up with sb.	: akidol /TO; akirumun /KA
46-29	to walk side by side	: akibak /KA
46-30	to follow sb.	: akitup /TA
46-31	to walk in line	: akiwap /KA; aropere /TA
46-32	to overtake sb.	: adepar /TA; akilany /KA (lit. to leave somebody behind)
46-33	to circle ahead	: akidap /TA (lit. to take another path)

46-34	to walk	: akilot a ngakejen /TO (lit. to go on foot)
46-35	to stroll	: akilare /KA; asakasak /TA
46-36	to run	: akiker /TA
46-37	to run away	: amatar /TA
46-38	to run this way	: apyeun /TA; amotun /TO
46-39	to run fast	: apiran /TA
46-40	quickly, fast	: atipei
46-41	slowly	: anipon
46-42	to hurry	: akiburubur /KA (lit. to finish sth. quickly)
46-43	to make sb. hurry up	: akibunyakun /KA
46-44	to stagger, to walk zigzag	: akitereter /KO
46-45	to pass by	: akiitor /KO; atorun /TO
46-46	to pass avoiding [sth.]	: akiman /TA
46-47	to cross (a road)	: atoror /TO; atubor /TO
46-48	to take (sb. somewhere)	: akirik, arikor /TO
46-49	to bring sb.	: aomun /TO; akirik, arikun /TO
46-50	to show around, to guide	: akitoodikin /KA; akidodikin /KA
46-51	to see off	: akitenar /KA; akitumor /KO
46-52	to accompany, to go together	: akiruk, akirukor, akirukun /KO
46-53	to lead the way	: akingaren /KO; akirik /TO
46-54	to stop	: akiwo /TA
46-55	to stop sb.	: akitouwo /KA (akiwo: 46-54)
46-56	to lose one's way	: acakar /TA; akingop /TA; awoliyor /TO
46-57	to go out of sight	: angopiar /TA
46-58	to travel	: akilaar /KA
46-59	journey	: alotor/ngalotorisyo (akilot: to go)
46-60	automobile, motorcar	: amotoka/ngamotokai
46-61	tire	: atairi/ngatairyo
46-62	to steer, to drive (a car)	: akigur /KO
46-63	to ride	: akidok /TA
46-64	to get off (from the car)	: adokun /TA
46-65	to run over	: akicak /KA (lit. to tread, to trample)
46-66	bicycle	: agaali/ngagaali
46-67	train	: agaryamoc/ngagaryamoc
46-68	airplane	: ikeny/ngikeny (lit. bird)
46-69	path	: erot/ngirotin
46-70	track, animal trail	: erot a ngitiang (lit. path of wild beasts)
46-71	road	: erukudi/ngirukudi
46-72	junction, fork in road	: akiceret/ngakicereta (akicer: 46-73); akiremet/ngakiremeta (akiryam: to meet)
46-73	[road] to branch off	: akicer /KA
46-74	to make one's way through weeds	: akingany /TA
46-75	to level long weeds (when walking)	: akiperikin nginya /KO
46-76	mound, heap on the ground	: atitipu/ngatitip

XI. DAILY LIFE

47. Work

47-01	to work	: akitiare /KA; akisub etic /TA
47-02	work	: etic/ngitico
47-03	to assist, to help	: akingarakin /KA
47-04	to disturb sb.'s work	: akican alotic /KA
47-05	to take sb.'s place	: alonyakin /TA; auweikin /TA (lit. to take charge of sth. in place of sb.)
47-06	tool	: iborosit/ngiboro
47-07	to use	: atingiar /TA
47-08	to make	: akisub /TA
47-09	to repair	: akisub /TA
47-10	to become repaired	: asubakin /TA
47-11	to replace	: akilokony /KO; alonyakin /TA
47-12	to forge	: akityek /KA
47-13	blacksmith	: eketyakan/ngiketyakak (akityek: 47-12)
47-14	hammer	: ekidongit/ngikidongito; enyundu/nginyundui
47-15	to hit (with a hammer)	: akidic /KA; akiram /TA
47-16	bellows	: akituleet/ngakituleeto (akitule, akitulekin: to blow with one's mouth)
47-17	to blow bellows	: akitule /KO
47-18	blacksmith's workshop	: awi a eketyakan
47-19	ax	: aep/ngaepe
47-20	adze	: epannga/ngipanngai
47-21	nail	: esumari/ngisumarya
47-22	peg	: asesit/ngases
47-23	to split (wood)	: akici /TA; akingenyar /KA; akipak /TA
47-24	to carve wood	: akicare /KA (lit. to carve wood to make rough shape of the object)
47-25	to shave wood, to slice	: akiyer /TA (lit. to scrape little by little in the last stage of making wooden tools)
47-26	to shave wood, to pare	: akikul /TA
47-27	knife	: ekileng/ngilyanga; ekude/ngikudei (finger knife); abarait/ngabara (arm-knife worn on the wrist); ebalite/ngibalitei (a piece of tin, etc.)
47-28	handle of a knife	: akitoi a ekileng (lit. stick of a knife); akulep/ngakulepyo a ekileng; atingit/ngatingita a ekileng (lit. holder of a knife. akiting: to seize, to hold)
47-29	chisel	: erokony/ngirokonyo; ekiceet/ngikicaata; ekileng lokiceet (akicare: 47-24)
47-30	saw	: egirigir/ngigirigirya
47-31	to saw	: akigirgir /KA
47-32	file	: egirigir/ngigirigirya
47-33	board	: abao/ngabaoi
47-34	to make smooth (surface of a wooden vessel)	: akilalare /KA (to burn livestock droppings and put it into the water and smear)
47-35	to mold pottery	: akiye /TA
47-36	clay for pottery	: elupe; ecoto lolupe

47-37	to make smooth (surface of a clay pot)	: akiledun /KA; akiloloun /KA; akipuc /KA
47-38	stone for smoothing surface	: amoru nakipucet (akipuc: 47-37)
47-39	to weave a string (e.g. braid)	: akidany /KA
47-40	to weave a string (e.g. rope)	: awoiyar /TO (lit. to make long)
47-41	string	: auno/ngaunoi; amasi/ngamasin; adany/ngadanya (akidany: 47-39)
47-42	strap	: arukan/ngarukania (rope made of animal hide)
47-43	to be skillful and quick (at work)	: akiber /KA
47-44	skillful person	: ekeberan/ngikeberak (akiber: 47-43); ekedan/ngikecak (lit. a skillful person in carving wood, akicare: to carve wood)
47-45	clumsy person, unskilled person	: ekalany/ngikalanyanoti (lit. lazy person)
47-46	to be idle	: akalany /TA
47-47	to make an effort	: akican /KA; akikeriker /KA
47-48	to be active	: aturon /TO
47-49	to employ	: akigir /KA (lit. to write)
47-50	to dismiss, to fire	: akituwarakin /KA
47-51	to get ready, to prepare	: asubakin /TA
47-52	to try	: akining /KO
47-53	to accomplish	: akirikakin /KA; arumor /TO
47-54	to stop (working)	: aisikin /TA; akimekin etic /KA
47-55	to succeed	: aanyun /TA (lit. to see, to get, to find); apedor /TO (lit. to be able); aryamun /TA (lit. to get)
47-56	to fail	: adakar /TA
47-57	to make a mistake	: akisec /TA
47-58	[task] to be easy	: apatan /TA; awok /TA
47-59	[task] to be difficult	: agogong /TO

48. Fire

48-01	fire	: akim/ngakimya
48-02	spark	: ekatuwenyit/ngikatuweny a akim (akituweny: to spark); ngikabel a akim
48-03	ashes	: ekuron/ngikurono
48-04	smoke	: apuru/ngapurussyo
48-05	soot	: etulya/ngitule
48-06	to build a fire (by rubbing sticks)	: akipir /KA
48-07	rubbing sticks to make a fire	: epipot/ngipip
48-08	to kindle, to light fire	: akinok, akinokakin /KA
48-09	to catch fire	: anokun akim /KA
48-10	to burn [sth.]	: akinom, akinomakin /KA
48-11	[sth.] to burn	: anomiar /KA
48-12	[fire] to spread	: apetar akim /TA
48-13	spreading fire	: asarai/ngasarai a akim (lit. light of fire)
48-14	to stir fire	: akituwenyituwenyikin /KA

48-15	to burn to ashes	: araun akim ekuron /TA (lit. [fire] to become ashes)
48-16	to extinguish fire	: akitudunger /KO
48-17	[fire] to go out, to become extinguished	: adunger akim /TO
48-18	to warm oneself near the fire	: akipeyar /KA
48-19	firewood	: ngakyoto a akim
48-20	to gather firewood	: akikeiyen /KA
48-21	to arrange firewood to light	: akipikakin /KA
48-22	to add firewood in fire	: akinokakin ngakyoto nakim /KA
48-23	to gather firewood to the center of the fire	: akirokony /KA (lit. to gather firewood to the center of the fire)
48-24	to draw firewood from fire	: akiyetiyataar /KA
48-25	charcoal, ember	: atotole/ngatotoli
48-26	match	: emali/ngimalya a akim; akibirit/ngakibirito
48-27	to strike a match, to light a match	: akituweny, atuwonyun /TA (lit. to make a spark)

49. Water

49-01	water	: ngakipi
49-02	foam	: ekurudo/ngikurudo
49-03	to make wet	: akitapapal /KA (apapal: 49-04)
49-04	[clothes] to be wet	: apapal, apapaler /TA
49-05	to dip, to soak	: akimur /TA
49-06	to take [sth.] out of water	: alemun a nakipi /TA; autun a nakipi /TO (lit. to pull out)
49-07	to shake off water	: akiteriter /KA; akiwatawataar /KA (lit. to shake off water from hands or vessels)
49-08	to flap off water	: akilakalakar /KA
49-09	to wipe (one's wet hands)	: akimet, ametar /TA (lit. to wipe off water and/or sweat from the body by hands, etc.)
49-10	to squeeze out water (of a clothe)	: akici, acuwar /TA
49-11	to dry ([sth.] over fire)	: akimare, akimaun /KA
49-12	[wet clothes] to dry	: akiwon, awoner /TO
49-13	dry cloth	: eworu nakonon
49-14	to draw water	: akiwok /TO
49-15	watering place	: ecor/ngicorin
49-16	well	: akar/ngakare; akuja/ngakujan (small shallow well); akoomeemyot/ngakoomeemei (deep well dug at places other than river-bed)
49-17	to deepen a well	: akicukul /KO
49-18	to take out dirty surface water of a well	: akipakar /KA
49-19	[well] to retain water, not to dry up	: acokocok /TA
49-20	to strain water	: akili /TA
49-21	to mix	: akicarakan /KA; akimorikin /KA; akinyal, akinyalakin /KA; akitulum, akitulumikin /KO (term for mixing different types of food)

49-22	to stir	: akikwalkwal /KA (to stir liquid)
49-23	to knead	: akingorirakin /KA; amunare /TA
49-24	[liquid] to be thick	: abirit /TO; adikam /TA
49-25	[liquid] to be sticky	: akimidak /TA; akimidik /TA
49-26	to coagulate	: akidik /KO
49-27	[sth.] to melt	: akeeyar /TA
49-28	to melt [sth.]	: akitekeeyar /KA (lit. to cause [sth.] to melt. see 49-27)
49-29	to ooze out and drip	: akidoka /KA
49-30	to drip	: akidokodok /KA; aware /TO
49-31	to leak	: apedod /TO (akiped: to pierce); aware /TO (49-30)

XII. SOCIAL LIFE

50. Languages

50-01	voice	: etoil/ngitoilo
50-02	word	: akiroit/ngakiro
50-03	meaning	: ngesi (lit. he/she/it)
50-04	language	: akituk/ngakituka (lit. mouth); angajep/ngangajepa (lit. tongue)
50-05	Turkana language	: ngaturukana
50-06	to say	: abeikin /TA; alimun /TO; atamar /TA
50-07	to converse, to talk, to have a talk	: akiyan /KA
50-08	to have a chat	: akirorikin /KO
50-09	to speak loudly, to make a noise	: acala /TA
50-10	to speak to sb., to address	: akisiyan /KA
50-11	to obstruct	: akitenger /KO
50-12	to whisper	: akingaingaa /KA
50-13	to make a speech	: akirorikin /KO; akituk /TO
50-14	to stop speaking	: akililing /KA
50-15	to listen to sb. silently	: akipup, apupokin /TO
50-16	[person] to keep quiet	: akililingikin /KA
50-17	to speak (a language)	: akiror /KO
50-18	to understand (a language)	: akierar /KA; akipup /TO
50-19	to tell	: akisisare /KA; alimokin /TO
50-20	to inform	: akiteiyenun /KA (akiiyen: to know, to notice)
50-21	to announce to the public	: alimor /TO; akitaanyun /KA (aanyun: to notice); akikekin ebuku /KA (lit. to let the public know sth.)
50-22	news	: akiroit/ngakiro
50-23	to report	: akitaanyun /KA (aanyun: to notice, to see); alimor /TO
50-24	to call	: anyar /TA
50-25	to call (a distant person loudly)	: akikyaa /KA

50-26	call	: akituk/ngakituka (lit. mouth); enyarae/nginyarasinei (anyar: 50-24)
50-27	echo	: akikobaret/ngakikobareta
50-28	to answer a call, to respond	: akikere /KA; akiikin /KA (lit. to say "yes")
50-29	to remain silent	: akililing /KA
50-30	to greet	: akimalare /KA
50-31	greeting	: emalas/ngimalasinoi (akimalare: 50-30)
50-32	to say farewell	: atamar kidongorobo /TA
50-33	lie	: alyoko/ngalyokonisa; akalaalaat/ngakalaalaai (akidet ngakalaalaai: to spread a false rumor)
50-34	to tell a lie	: akisud, akisudokin /KO; alyokon, alyokoner /TO; amodiikin /TA; alimun alyoko /TO
50-35	to deceive	: akimunon /KO (lit. to play a joke); akingalare /KA (lit. to reverse what one said); akimarar /KO (lit. to make fun of sb. by telling a lie)
50-36	to conceal (a fact)	: akida /KA (lit. to hide); akijok /KO (lit. to hide one's livestock by putting them in charge of others)
50-37	to speak ill of sb. in his/her absence	: akigac /KA; akiswam /TA
50-38	to ask a question	: akingit /KA
50-39	to answer a question	: akibut /KO; akitac /TA (lit. to pay)
50-40	answer	: akibut; akitac/ngatacian
50-41	to shout, to cry	: acala /TA
50-42	to scold	: akisimekin /KA; akicikicik /KA (lit. to make sb. correct his mistake); akitatam /KA (lit. to teach, to educate)
50-43	to blame	: apaikin /TA (term for being cross with everybody)
50-44	to praise	: akikut /KA; akipur /KO
50-45	praise	: akikuset/ngakikuseta (akikut: 50-44); epuri (akipur: 50-44)
50-46	to boast	: akinis /KA
50-47	to affirm	: acamun, acamakin /TA; akiikin /KA (lit. to say "yes")
50-48	to deny	: akinger /TO; akipeg /TA
50-49	to agree, to come to an agreement	: acamun, acamakin /TA
50-50	to disagree, to contradict	: akinger /TO
50-51	to assist, to help	: aikin /TA (to assist in the bride wealth payment, etc.)
50-52	to promise	: akicikakin /KA; akikong /KO (lit. to swear, to make an oath)
50-53	to keep a promise	: acamakin /TA (lit. to agree, to affirm)
50-54	to break a promise	: akinger /TO (lit. to refuse); alyokoner /TO (lit. to tell a lie)
50-55	to request	: akilip /KA
50-56	to refuse	: akinger /TO
50-57	to undertake	: akingarakin /KA (lit. to help)
50-58	to allow, to let sb. do [sth.]	: acamakin /TA (lit. to agree, to affirm); akimekin /KA (lit. to leave sth. untouched, to set free)
50-59	to forbid	: akitenger /KO
50-60	to command, to order	: amere /TA; apuatakin /TA (lit. to give permission); alimokin /TO (lit. to tell)

50-61	to obey	: arimakin /TA; akipup /TO (lit. to listen to); akiker /TO (lit. to fear)
50-62	to apologize	: akimaima /KA
50-63	to forgive	: akiseny /KO; akijal, ajalun /TA (lit. to set free, to release)
50-64	to soothe, to appease, to pacify	: akimaima /KA
50-65	to console	: akisililing /KA (lit. to cause to calm down)
50-66	to encourage	: akikut /KA; akitogogong /TO (agogonger: to become cheerful)
50-67	to consult	: alosikin /TO; akingitun /KA (lit. to ask, to question); akilom /TA (lit. to consult to a prophet <emuron> 15-31)
50-68	to teach	: akitatam /KA
50-69	to teach good manners	: akitatam eboiyori loajokon /KA
50-70	to explain	: akitenun /KA; aretokin /TO (lit. to tell the truth)
50-71	to think aloud	: apodo /TO
50-72	to complain, to grumble, to show discontent	: akingurungura /KA
50-73	to tell a tale	: akiyan poyo /KA
50-74	tale, story	: poyo
50-75	abusive word	: ekiyen/ngiyen, ngikinyesinei ("engatule ito kon", etc.)

51. Play

51-01	to play	: abolya /TA
51-02	game	: abolya/ngabolyasinei
51-03	to dance	: akicur /KO; akidongare /KA
51-04	good dancer	: ekidonganit, ekedongan/ngikedongak (akidongare: 51-03)
51-05	dance	: edonga/ngidongai
51-06	feather headdress	: akopiro/ngakopir (lit. feather); ailet/ngaile (extremely long one); amiinyait/ngamiinya (long one); akoroit/ngakoroi (rather long one); akodangole/ngakodangole (short white one); ekodoongoli/ngikodoongolya (white feathers cut short pieces, for <ngirisai> alternation-set); ekamuto/ngikamutoi (black feathers cut into short pieces, for <ngimoru> alternation-set); ekuuri/ngikuuri (feather cut lengthwise in the middle)
51-07	container for ostrich feather	: atoros/ngatorosa
51-08	song	: eewos/ngliwosyo (aewo: 51-09); emong/ngimongin (lit. ox. Song of favorite-ox is called by this term)
51-09	to sing	: aewo /TO; akiruko /KO (lit. to sing a song of favorite-ox)
51-10	drum	: elamaru/ngilamaru; atoros/ngatorosa (lit. ostrich feather container of men); eburi/ngiburin (lit. oil container)
51-11	to stretch skin on the drum	: akibur amuny /TA

51-12	to beat a drum	: akidet eburi /KA; akidongodong eburi /KO; akiram eburi /TA
51-13	a kind of flute	: ebune/ngibunei; ekapirikic/ngikapirikica; adiit/ngadiita (bugle horn)
51-14	a kind of musical instrument	: apili/ngapili (modern whistle); egegit/ngigege (bundle of animal hooves); ecorot/ngicoroi (bells worn on the calf of legs); asowat/ngasowa (iron ring worn on the ankle)
51-15	to ululate	: akimaretet /KO
51-16	to whistle	: akiunya /KA
51-17	to clap hands	: akiram ngakan /TA
51-18	to lead dancing or singing	: akimar, akimarakin /KA; akirik /TO
51-19	leader of dancing and singing	: ekemaran/ngikemarak (akimar: 51-18)
51-20	ball	: epira/ngipirai
51-21	to play with a ball	: abolya ngipirai /TA
51-22	to throw (a ball)	: akicak /TA; akimas /KA
51-23	to catch (a ball)	: akikamun /KA
51-24	to applaud	: aramakin ngakan /TA
51-25	to play merrily, to play loudly	: alakara /TA
51-26	to tickle	: akikidikid /KA
51-27	to imitate	: akisisare /KA

52. Quarrel

52-01	to give sb. verbal abuse	: akiyeny /KA; akimor /TO
52-02	curse (verbal cursing)	: elamit/ngilam (akilam: 52-03)
52-03	to curse sb. verbally in the face	: akilam /KA
52-04	to threaten	: akiteem /KA
52-05	to dispute, to argue	: akiburare /KA; angorop /TA
52-06	to get reconciled	: akisil /KA
52-07	to fight	: ajie, ajore /TO
52-08	to provoke a fight with sb.	: akicicore /KO; abenyun /TA (lit. to tease, to make fun of)
52-09	to incite a fight	: akicucikin /KA; akiturum, akiturumukin /KO (lit. to inform someone's backbite)
52-10	to avoid a fight	: akikilakin /KA; akiem /TA (lit. to fear)
52-11	to settle a dispute, to part a dispute	: akityak /TA (lit. to part)
52-12	to part a fight	: akitikitik /KO
52-13	to jump upon sb., to spring upon sb.	: akiwongakin /KA; aporokin /TO
52-14	to beat, to strike	: akiram /TA; akidet /KA
52-15	to slap	: akibap /KA; atarakin /TA
52-16	to pinch	: akipoc /TO
52-17	to kick	: akipet /TO
52-18	to throw down sb.	: adakar /TA
52-19	to press down sb.	: atikokin kwap /TO; akimed /TA (lit. to choke)
52-20	to bind	: akiyen /TA
52-21	to chase away	: akikotar /KA
52-22	to drive out	: akituworakin /KA

- 52-23 to defend oneself : akigakin /KA (lit. to parry the attack by
from being beaten shield, etc.)
52-24 to defend sb. from : aiun /TA
being beaten

53. Giving and receiving

- 53-01 to give : ainakin /TA; areikin /TA
53-02 to give away : akipotor /KO
53-03 to hold out sth. in : akikobakin /KA
one's hand (as a gift)
53-04 gift : etoolo/ngitooloi (this is not a general term,
see 30-11. The Turkana do not have general
terms for "gift")
53-05 thanksgiving gift : eboka/ngibokasinei; ebacit/ngibacito
53-06 to give a gift : akitooolokin /KO (term for a gift of
pre-marital negotiation from a man to girl's
kinsmen, see 30-11)
53-07 to delight sb. with : akidop /TA
a gift
53-08 to get : aanyun /TA; aryamun /TA
53-09 to receive : akijaun /KA; akidyaun /KA
53-10 to pick up, : akirapun /KA
to get what sb. has left
53-11 to get back : aanyun /TA; akinyakakin /KA; abongun /TO
53-12 to ask for [sth.] : akilip /KA
53-13 to refuse to give : akimik /KA; auwoun /TA
53-14 to share with sb. : akityak /TA (lit. to part)
53-15 to share food with : akimor /TA
sb., to divide food between selves
53-16 to check whether : akitiriyen /KA
(e.g. food sharing) correctly done or not
53-17 to sell : akigel, agelar /TA
53-18 to buy : akigel, agelun /TA
53-19 money : aropiat/ngaropie
53-20 price : ebei
53-21 how much? : ngaropie ngaai?
53-22 [price] to be : agogong /TO
expensive
53-23 expensive (price) : elalak ebei (lit. [price] to be voluminous);
ewoi ebei (lit. [price] to be high)
53-24 [price] to be cheap : apatan /TA; edit ebei (lit. [price] to be
little, to be small)
53-25 to pay : akitac /TA; akipotor ngaropie /KO (lit. to
give away money)
53-26 payment : akitac/ngatacian (akitac: 53-25)
53-27 to order, : akicik ainuno /KA
to give an order
53-28 to borrow : akilipar /KA (lit. to beg); akia /TA (lit. to
[money or sth.] kill)
53-29 to lend : ainakin /TA (lit. to give); akipotor /KO (lit.
[money or sth.] to give away)
53-30 to return : akinyakun /KA
[money or sth.]
53-31 debt : amica/ngamicai
53-32 to demand payment of : akimicare /KA
debt

- 53-33 to compensate : akibut /KO; akitac /TA (lit. to pay)
 53-34 to entrust, : akijok, akijokokin /KO (lit. to put one's
 to place in trust, livestock in charge of others)
 to put [sth.] in the care of sb.
 53-35 to take charge of : atingakin /TA; auweikin /TA
 [sth.]
 53-36 to take charge of : akiweikin /KA
 [sth.] in secret
 53-37 to pay wages : akitac emucaala /TA
 53-38 to steal : akoko /TA
 53-39 to rob : ademar /TA
 53-40 to send sb. to give : amear /TA
 a message
 53-41 to deliver : akikobakin /KA (lit. to deliver gift)
 53-42 to exchange : akiluny /TA
 53-43 to give away : amekin /TA
 livestock for keeping
 53-44 to give away : apukin /TO
 livestock for consumption, etc.
 53-45 to give away : aikin /TA
 livestock to assist bride wealth payment
 53-46 to give away : akibut /KO (lit. to compensate)
 livestock to those who lost animals because of
 raiding, bride wealth payment, etc.
 53-47 to give away : akisider /KA (akider: 53-48)
 livestock after gaining animals by
 raiding, receiving bride wealth payment, etc.
 53-48 to beg and get : akider /KA
 livestock from those who gained animals
 by raiding, bride wealth payment, etc.
 53-49 to exchange : akisecar /KA
 livestock to get animals for consumption
 53-50 to exchange : akilokony /KO
 livestock to get animals for herd-reproduction
 53-51 to exchange : akigel /TA
 livestock with [sth.] (e.g. gourd, spear, etc.)
 53-52 to kill and eat a : akinges /TA
 kin's livestock without permission
 53-53 to kill an animal : apuore /TO
 for consumption

54. Society

- 54-01 village : alomar/ngalomarasya (akilom: to settle, to dwell)
 54-02 area in which a man : ere/ngiarerya
 usually dwells
 54-03 inhabitant : elope & akuwap (lit. owner of the land)
 54-04 home village : nikidounet (akidoun: to give birth)
 54-05 town : elain/ngilaino; etauny/ngitaunyo
 54-06 local residential : ekitela/ngitela
 group
 54-07 clan : ateger/ngategerin (this term also means a type of wooden vessel); emacar/ngimacarin (this term also means clan's livestock brand)
 54-08 age-group : ajore/ngajorei; anaket/nganaketa (akinak: to suck)

54-09	white man, European	: emusugut/ngimusungui; ekakwangan/ngikakwangak (lit. white person)
54-10	stranger, enemy	: emoit/ngimoi (those other than the Turkana)
54-11	thief	: ekokolan/ngikokolak
54-12	to accuse	: akikukokin /KO; akititakin /KA
54-13	to suspect	: akitamakin /KA; amisikin /TA
54-14	to inspect sb.'s belongings	: akingany /TA; akiwol /KO
54-15	to judge	: atubokin /TO
54-16	fault, crime	: asecan/ngasececa (akisece: to make a mistake)
54-17	penalty	: akidet/ngadetan, ngakideset (lit. beating); angine a ngikasukou (lit. goat for old men)
54-18	to punish	: akidet /KA (lit. to beat); akiram akulit /TA (lit. to beat with a whip)
54-19	whip	: akulit/ngalita
54-20	to follow rules	: akiricakin etali /KA
54-21	leader	: ekarikon/ngikarikok (akirik: to lead)
54-22	fame	: aruonut
54-23	famous person	: ekaruon/ngikaruok (aruore: to be famous, echo throughout)
54-24	to succeed in life	: aruun /TO; apoloun /TO (lit. to grow)
54-25	owner	: elope/ngikulopek
54-26	host	: itwan a awi (lit. man of homestead)
54-27	guest	: epeiyononi/ngipeiyok (akipeiyor: to visit)
54-28	friend	: ekone/ngikonei; epai/ngipaulon
54-29	companion, colleague	: erukutosi/ngirukutosi (akiruk: to accompany)
54-30	neighbor	: ekidunyet/ngikidunyet (akidunyekin: 54-31)
54-31	to be neighbor of sb.	: akidunyekin /KA
54-32	appointment	: akiciket/ngakiciketa (akicikakin: to make promise)
54-33	to make an appointment with sb.	: apupokin akiryamun /TO (lit. to agree to meet)
54-34	to meet	: akiryam, akiryamun, akiryamakin /KA; arukaun /TA
54-35	to go to meet sb. coming	: akisiryamiar /KA
54-36	to invite	: akipeiyoun /KO
54-37	to wait	: akidarun /KA
54-38	to make sb. wait	: akisiboi /KO (lit. to cause sb. to sit, akiboi: to stay)
54-39	to visit	: akilakin /KA; akipeiyor /KO
54-40	to let in (to the house)	: akilomun nawi /KA
54-41	to entertain	: akipeiyokin /KO; akitalakar /KA (alakara: to be pleased); akisimuj /KA (lit. to cause to eat)
54-42	to detain, to ask sb. to stay	: akiretakin /KA
54-43	to part (with sb.)	: atyakar /TA
54-44	school	: esukuli/ngisukulyo
54-45	teacher	: ekatataman/ngikatatamak (akitatam: to teach)
54-46	pupil	: ikoku esukuli (lit. child of school)
54-47	market	: emaket/ngimaketa; emogan/ngimogaania
54-48	shop, store	: edukany/ngidukanyin
54-49	employee	: ekedalan/ngikedalak (lit. poor person without livestock who takes care of others' livestock, akidal: 34-45)

54-50	beggar	: ekelipan/ngikelipak (akilip: to beg)
54-51	meeting	: atukor/ngatukusyo; akiryamaryam/ngakiryamaryameta (akiryamun: to meet)
54-52	[people] to assemble, to gather	: akiryamaryam /KA
54-53	to assemble (people)	: acunun, acunakin /TA; atukokin /TO
54-54	square, open public place	: aro/ngaroatin; akyur/ngakyurin (lit. dancing place)
54-55	to be crowded (with people)	: elalak ngitunga (lit. [people] to be many)

55. Politics

55-01	to govern	: akipukore /KA; apolokin /TO; akirik /TO (lit. to lead)
55-02	rule	: etali/ngitalyo (rules which should be kept since long ago. Some of them are common to all the Turkana and others are specific to each clan)
55-03	donation, harambee (Sw.)	: ecur/ngicuron; ekod/ngikodyo
55-04	tax	: ecur/ngicuron
55-05	to pay the tax	: abukor ecur /TO
55-06	important person	: ekapolon/ngikapolok (lit. big person)
55-07	chief	: ekatukon/ngikatukok (atuk: to gather people)
55-08	chief's homestead	: awi a ekatukon
55-09	country of the Turkana	: akuwap a ngiturukana
55-10	flag	: apendera/ngapenderai; atambara/ngatambarai
55-11	boundary	: amaire/ngamairei (boundary of nations, ethnic group territories, etc.)
55-12	to border on, to share a border	: akidunyekin /KA
55-13	world	: akopit/ngakopin
55-14	poverty	: eboot; erony/ngironya, ngironyisya (poverty caused by drought, livestock epidemic disease, etc.)
55-15	to reconstruct (after a disaster)	: acunun /TA (lit. to bring together)
55-16	to prosper	: akibar /TA (lit. to be rich in livestock)

56. War

56-01	war	: ejie/ngijiesinei (lit. fighting); arem/ngaremojo (akirem: to attack, to throw spear)
56-02	to fight a war	: ajore /TO
56-03	army	: ajore/ngajorei (lit. group, age-group)
56-04	soldier	: asiger/ngasigerya; ekangkait/ngikangkai; ekeyait/ngikeyain; epolisit/ngipoliso; nanyangakoti/nginyangakoty
56-05	to win	: akiduwang /KA
56-06	to overcome, to surmount	: akuruwor /TO
56-07	to be defeated	: akiduwango /KA
56-08	enemy	: emoit/ngimoi
56-09	to capture enemy	: akirumun emoit /KA

56-10	to kidnap, to capture	: akirik, arikun /TO
56-11	captive	: arikot/ngarikon (akirik: 56-10)
56-12	to kill	: akiar /TA
56-13	killer	: ekaaran/ngikaarak (akiar: 56-12)
56-14	blood payment, livestock paid by the murderer to the kinsmen of the killed	: ngibareng a ekwori
56-15	to choke	: akimed /TA
56-16	[captive] to escape	: akisi /TA
56-17	to redeem (a captive), to gain release of (a captive)	: alacun /TA
56-18	to set free (a captive)	: akimekin /KA; alacakin /TA
56-19	to save, to rescue (sb. from a danger)	: aiun /TA
56-20	to escape from danger	: asuro /TO
56-21	to spy	: akireb /TO
56-22	to attack	: akirem /TO
56-23	to defend, to protect	: akiyok /KO (lit. to herd animals); akiryatakin /KA (lit. to fight with running enemy by forestalling, see 45-50)
56-24	to raid, to pillage, to plunder	: akirem /TO (lit. to attack)
56-25	weapon	: iborosit lo ejie (lit. thing of fighting)
56-26	cannon	: abongobong/ngabongobongoi
56-27	fighting stick	: aselej/ngaselejo
56-28	a war cry	: eli/ngilia
56-29	to shout a war cry	: acala /TA; akiram ekaroo, akiram eli /TA
56-30	ritual performed after coming back from the raiding	: ekeny/ngikenya

XIII. MENTAL LIFE

57. Feelings

57-01	to feel pleased	: alakara /TA
57-02	to dance about in joy	: akicur /KO
57-03	to delight	: akitalakar /KA (alakara: 57-01)
57-04	to become active, to become cheerful	: agogonger /TO
57-05	laughter	: akyana (akye: 57-06)
57-06	to laugh	: akyen /TA
57-07	to smile	: amaisan /TA
57-08	to feel lonely	: asilikin /TO
57-09	to feel homesick	: akiyalolong /KO
57-10	to feel sad	: akingo /TA
57-11	to sob	: akisuta /KA
57-12	to weep	: akigoro /KO
57-13	to stop weeping	: akililing /KA (lit. to keep silent)
57-14	to sympathize with sb., to pity sb.	: akisiyan /KA; angoin /TA
57-15	to like	: amina /TA
57-16	to dislike	: aremokin /TO; akinger /TO (lit. to refuse)
57-17	to want [sth.]	: akisak /TA

57-18	to want to do	: akisak akisub /TA
57-19	to depend on sb.	: akigeno /KO
57-20	to hope	: akitam, atamakin /TA; asibit /TA
57-21	to long for, to wish for, to want	: akiburakin /KA (lit. to be eager for sb.'s holdings); aminor /TA (lit. to like, to love)
57-22	to envy, to be jealous of	: adinga /TA; akipur /KO; akitilil /KA
57-23	to be surprised, to be startled	: atilar /TA; aryangakin /TA
57-24	to surprise, to startle	: akitiryangakin /KA (aryangakin: 57-23)
57-25	to fear	: akiem /TA; akiker /TO; akitukuryan /TA; akibul /TO (lit. [heart] to beat fast because of fear and/or anxiety); akitukudikin /KA (lit. to be unable to do sth. because of fear)
57-26	to frighten	: akiteem /KA
57-27	fear	: akuryan
57-28	anger	: angoit
57-29	to get angry	: akingo /TA
57-30	to feel displeased	: alilimior /TO; akilelenyit /KA (kelelenyit ayong: I feel displeased)
57-31	to be silent because of anger	: akilling koteri angoit /KA (lit. to keep silent because of anger)
57-32	to endure, to bear	: anaikin /TA; atitinyikin /TO
57-33	to resume a good temper, to recover one's temper	: akinyakakin alakar /KA
57-34	to thank	: alakara /TA
57-35	to be shy	: akiem /TA
57-36	shame	: ngileec
57-37	to feel ashamed	: akierar ngileec /KA; akingolikin ngileec /KA; akirum ngileec /KA; akiting ngileec /TA; aryamun ngileec /TA
57-38	respect	: arimatoi
57-39	to honor, to respect	: arimakin /TA; akiker /TO (lit. to fear)
57-40	to despise, to scorn	: ajamuar /TA; akimen /TA
57-41	to love	: amina /TA
57-42	to embrace	: akilogakin ngakan /KA (lit. to tie arms around sth. or sb.)
57-43	to caress, to embrace sexually	: akinu /TA
57-44	to kiss	: akinu, anuakin /TA
57-45	to have a sexual intercourse	: akiner /KA; amanyit /TA

58. Mental activities

58-01	to memorize, to remember, to recall	: akitamun /KA
58-02	to forget	: akimuryakin /KA
58-03	to remind	: akitamakin /KA
58-04	to know	: akiiyen /TA
58-05	to learn	: akisom /TA
58-06	to read	: akisomare /TA
58-07	to understand	: akierar /KA
58-08	not to be able to understand	: akimalyakany /KA
58-09	book	: abuk/ngabukyo; akitab/ngakitabya

58-10	newspaper	: agaset/ngagasito
58-11	to write	: akigir /KA
58-12	to be correct	: akitemokin /KO
58-13	to be correct, to tell the correct thing	: akiyookin /KO
58-14	to be wrong	: akicongakin /KA; nyiyokino (negation of <akiyookin> 58-13)
58-15	to correct an error	: arikin akiroit /TO (lit. to straighten a matter); asubakin nierono /TA
58-16	letter	: abarua/ngabaruwai; aworongat/ngaworongai
58-17	paper	: akaratac/ngakarataca
58-18	to draw (a picture)	: akicor /TO; akigir /KA; amacar /TA
58-19	drawing, picture	: apiica/ngapiicai; etorube/ngitorubei
58-20	to think, to consider	: akitam /KA
58-21	to decide	: acamakin /TA; atubun /TO
58-22	to plan	: akituk /TO
58-23	oath	: akikonget/ngakikonget (akikong: 58-24)
58-24	to swear, to promise, to make an oath	: akikong /KO
58-25	to believe	: akinup /TA
58-26	to doubt	: angaiyakin /TA
58-27	to be in difficulty, to be troubled	: aryamun ngicen /TA
58-28	trouble	: ekican/ngicen
58-29	to feel anxious, to be worried	: akibul /TO
58-30	to feel uneasy	: akiil /KO (lit. to feel vague danger, uneasiness when walking alone at night, etc.)
58-31	to hang oneself	: amedakin /TA (akimed: to choke)
58-32	to commit suicide by cutting the throat	: angolakin /TA (akingol: to slaughter)
58-33	to feel relieved	: alakun /TO
58-34	to get accustomed to [sth.]	: anaikin /TA
58-35	to lose interest in [sth.]	: ajamakin /TA; akipasakin /KA
58-36	wisdom	: aosou
58-37	to be clever	: aosou /TO
58-38	to be careful	: acoikin /TA (lit. to take care of sth. not to be stolen, broken, damaged)
58-39	to advice	: akitousun /KO (aosou: 58-37)

59. Number and counting

59-01	one	: apei
59-02	two	: ngaarei
59-03	three	: ngauni
59-04	four	: ngaomon
59-05	five	: ngakan
59-06	six	: ngakanikapei
59-07	seven	: ngakanikaarei
59-08	eight	: ngakanikauni
59-09	nine	: ngakanikaomon
59-10	ten	: ngatomon
59-11	eleven	: ngatomonokapei
59-12	twelve	: ngatomonokangaarei

59-13	thirteen	: ngatomonokangauni
59-14	fourteen	: ngatomonokangaomon
59-15	fifteen	: ngatomonokangkan
59-16	sixteen	: ngatomonokangkanikapei
59-17	seventeen	: ngatomonokangkanikaarei
59-18	eighteen	: ngatomonokangkanikauni
59-19	nineteen	: ngatomonokangkanikaomon
59-20	twenty	: ngatomoniyari
59-21	twenty-one	: ngatomoniyarikaapei
59-22	thirty	: ngatomoniyuni
59-23	forty	: ngatomonikaomon
59-24	fifty	: ngatomonikan
59-25	sixty	: ngatomonikapei
59-26	seventy	: ngatomonikaarei
59-27	eighty	: ngatomonikauni
59-28	ninety	: ngatomonikaomon
59-29	hundred	: amiat/ngamiai
59-30	to count	: akimarun /KA
59-31	many people	: ngitunga lukaalak
59-32	many things	: ngiboro lukaalak
59-33	a few people	: ngitunga lukidyoko; ngitunga lukidio
59-34	number	: anamba/nganambai
59-35	all people	: ngitunga daang
59-36	how many people?	: ngitunga ngiai? (see 80-10)
59-37	to increase in number, to become numerous, to grow	: akiyatakin /KA; asojin /TA
59-38	to become reduced in number, to become fewer, to shrink	: akidyekuun /KO
59-39	[sth.] to be finished, to be consumed entirely	: adaun /TA
59-40	to remain	: akidong /KO
59-41	to save, to reserve	: atubokin /TO
59-42	to add	: akiyatakin /KA
59-43	to deduce	: akitub /TO (lit. to cut)
59-44	to divide	: akorakin /TA
59-45	to measure	: akipim /KA; akitem /KO; akining /KO (lit. to try, to test)
59-46	measure, scale	: akitemet/ngakitemeto (akitem: 59-45)
59-47	balance (for measuring weight)	: aratil/ngaratilya
59-48	half	: kiding
59-49	time (five times)	: ngakimaruneta ngakan (akimarun: to count, ngakan: five)
59-50	for the first time	: na ekingaren
59-51	the first road	: erot lokingaren
59-52	order (the second child)	: ikoku nia ngaarei
59-53	the next stop	: akitiripet nakewarunan/ngakitiripyoto nakewarunak
59-54	age (to be 30 years old)	: akinang ngikar ngitomoniyuni /TA (lit. to reach or to arrive at 30 years old)
59-55	alone	: bon

60. Religion

60-01	god	: akuj/ngakujo
60-02	to create	: akisub /TA

60-03	to be in awe of god	: akiem akuj /TA; akiker akuj /TO
60-04	church	: ekanisa/ngikanisai; ekelesia/ngikelesie
60-05	to pray	: akilip /KA
60-06	mosque	: emisikit/ngimisikito
60-07	to fast	: akiyen /TA
60-08	spirit	: ekepe/ngipyan
60-09	spirit of the dead	: ekaramit/ngikaram
60-10	charm for keeping off the evil	: ariwo/ngariwosya (akiri: 60-19); auwalai/ngauwalai (small piece of wood taken from several kinds of plant, worn around wrist, neck, etc. akiwal: 60-22); ekekeryau/ngikekeryau; ekeryau/ngikeryau (root of <i>Cyperus</i> spp. worn around wrist, neck, etc.); ebata/ngibatai (a piece of an unidentified plant worn around neck, etc.); eketoi lokanyinyuanan
60-11	omen	: amuroun
60-12	witch	: ekapilan/ngikapilak
60-13	to celebrate	: akigat, agat /TA (celebration made collectively by men to induce super-human power)
60-14	leader of <agat>	: ekagatan/ngikagatak
60-15	60-13: collective celebration by men to lay a curse (upon sb.)	: akiar /TA (lit. to kill); akapelan /TA; akilam /KA (lit. to curse verbally in the face); akisilikor /KO (lit. to cause to swallow. To curse those who are taking much food. akilikor: to swallow)
60-16	to lay a curse (upon sb. by evil-eye)	: akirakar /KA
60-17	curse	: akapeli/ngakapelyo
60-18	curse (verbal cursing)	: elamit/ngilam (akilam: 60-15)
60-19	to purify	: akiri /KO (lit. to prevent evil thing); akipak ngamaliten /KA (lit. to prevent and renew the bad omen seen in the divination by reading animal intestines: 15-29); akipak ngakipi, akipakun ngakipi /KA (lit. to purify by sprinkling water); akilotun /KA ([medicine man: 15-31] to wash the patient for treatment); akiwat, awotun /TA (term for purifying by scattering water and/or contents of animal stomach); akiruut /TA (term for sprinkling water in rituals); akibatar /KA (lit. to prevent evil thing)
60-20	to spear an animal in the kraal to prevent the evil	: akisicumakin /KA
60-21	to spear an animal for men in order to cure a patient	: akisicumare /KA
60-22	to wear a charm for keeping off the evil or to get super-human power	: akiwal, akiwalakin /KA
60-23	sacrifice	: ajulot/ngajul (lit. animal fur, fur color)
60-24	to sacrifice	: akiar ajulot (lit. to kill sacrifice), akiar ariwo (lit. to kill sacrifice of prevention of the evil) /TA
60-25	to identify with favorite-ox	: akiduwar /TA

- 60-26 to talk to one's : akitat, akitatakin /KA
 favorite-ox what is stated in the song of favorite-ox
 60-27 to smear animal : akicor, acorokin /TO
 feces to one's favorite-ox

XIV. ACTION TOWARD THINGS

61. Movement of things

- 61-01 to grope : akitaptap /KA; akitop /KA; akituturyare /KA;
 akisak /TA (lit. to look for)
 61-02 to touch : akitap /TA
 61-03 to seize with a hand : akiting /TA
 61-04 to grasp [sth.] in a : akibun, abunakin /TA
 hand
 61-05 to grasp [sth.] in a : akicamakin /KA
 hand firmly
 61-06 to scoop up with a : awodun /TO
 hand
 61-07 to pinch [sth.] : aridun /TA
 61-08 to hold : akiting /TA
 61-09 to hold [sth.] in a : akikod /TA
 hand hanging
 61-10 to hold in one's arm : akidak /TA
 61-11 to hold under one's : akirid /TA
 arm
 61-12 to leave [sth.], : akimekin /KA; alakakin /TA
 to let go
 61-13 to drop [sth.] : acakakin /TA
 61-14 [sth.] to drop onto : acakun /TA
 the ground
 61-15 to pick up : alemun /TA; akirapun /KA (lit. to pick up a
 lost article or what sb. has left, and make it
 one's own)
 61-16 to bring [sth.] : aomun /TO; ayaun /TA
 61-17 to take away, : ademar /TA
 to carry away
 61-18 to leave [sth.] : aisikin /TA; akimekin /KA
 behind (when going out)
 61-19 to carry : akiting /TA (lit. to hold, to seize)
 61-20 to carry [sth.] on a : akilelep /KO
 pole
 61-21 carrying pole : akitoi nakileplepet (akilelep: 61-20)
 61-22 to shoulder : akiryong /TA
 61-23 to carry [sth.] on : akiwok /KO
 one's head
 61-24 to help sb. to put : akisiwok /KO (akiwok: 61-23)
 up a luggage on the head
 61-25 head pad : aekit/ngaekita
 61-26 to carry [sth.] on : akinap /TA
 one's back
 61-27 to unload and carry : akirit /KO
 the luggage little by little
 61-28 sack : ecue/ngicuei
 61-29 luggage basket : asaajait/ngasaaja (basket to be loaded on a
 donkey's back for moving)

61-30	parcel	: ebokot/ngibokoto; eegos/ngiogoso; etokole/ngitokolei (a parcel which has a carrying string and with a wide opening)
61-31	load	: eegos/ngiogoso
61-32	to put, to place	: akikacakin /KA; akiwaakin /KA; akikekin /KA (lit. to pick up sth. from the ground and put it on the desk etc.)
61-33	to put [sth.] near sth. else	: akirudakin /KA; akiwaakin diiye /KA
61-34	to push away [sth.]	: akijukar /KA; akisiyotor /KO (lit. to cause sth. to get out of the way)
61-35	to remove	: akiyakar /KA
61-36	line of things	: erot a ngiboro (lit. path of things)
61-37	to make a line	: aropikin /TO
61-38	to line up	: akitoropikin /KO (aropikin: 61-37)
61-39	to spread	: apetakin /TA; alokin /TO (lit. to spread folded sheet, mat, etc.)
61-40	to put in disorder	: akikurukur /KO; akiteriterakin /KA
61-41	to put in order	: arekin /TA; acunakin /TA (lit. to bring together, to put sth. on sth.)
61-42	to put away	: acadar /TA; akikacar /KA
61-43	to store	: akidetakin /KA; akikacar /KA; akiuwa /KA
61-44	to hide	: akida /KA; akidetakin /KA; akikacar /KA; akiuwa /KA
61-45	to erect	: akitouwo /KA (akiwo: to stand up)
61-46	to incline	: akiri /TO
61-47	to knock over [a person]	: adakar /TA
61-48	to fell [a tree]	: aukor eketoi /TO
61-49	to support	: akingarakin /KA (lit. to assist)
61-50	to support [sth.] not to fall down	: akigang /KA
61-51	to lean [sth.] on, to lean [sth.] against	: agongakin /TA
61-52	to put [sth.] on [sth.]	: akidokokin /KO
61-53	to hang [sth.] (on the wall or the ceiling)	: akikedokin /TO; akinenekin /KO
61-54	to bridge	: akiriwokin /KO
61-55	to hang [sth.] (over the chair, etc.)	: akinenekin /KO
61-56	to be suspended	: akineno /KO
61-57	to take off (an attached object), to remove	: alacun /TA
61-58	to put in	: akiwaakin /KA
61-59	to take out (e.g. from a bag)	: akiut, autun /TO; alemun /TA
61-60	to lift	: akikeun /KA
61-61	to pull up	: akiriun /KA; autun /TO (lit. to pull out)
61-62	to load	: akidok, akidokokin /KO; akisiwok /KO; akisen /TA (lit. to pile up)
61-63	to put down	: akikaatoun /KO; akitaatoun /KO
61-64	to abandon, to discard, to throw away	: akicak, acakar /TA
61-65	to lose	: acakar /TA
61-66	to pull	: akiriak /KA
61-67	to be lost	: akisowar /KA; akicuwar /KA

61-68	to draw	: akirere /KA
61-69	to push	: akijukar /KA
61-70	to press [sth.] onto the ground	: akitik /TO; anuatakin /TA
61-71	to shake [sth.]	: akibukbuk /KA; akiloilo /KO; akikinikin /KA
61-72	to swing	: akiloiloo /KO; akikinikina /KA
61-73	to move [sth.]	: akisiyotor, akisiyotokin /KO
61-74	to swing [sth.] round and round	: akiikiik /KO; akisirim /KO
61-75	to gather	: akicun /TA; akidep /KA
61-76	to cover	: akibur /TA; akimuk /KO; akirap /TA
61-77	to uncover	: anganyar /TA; akiwolor /KO
61-78	to wrap up, to bundle up	: apopirikin /TA; akilogalogakin /KA (lit. to roll up)
61-79	to pack a load	: akiyen /TA
61-80	to unwrap, to unpack	: alacakin /TA; akilak eegos /TA
61-81	to stuff in	: akijukakin /KA
61-82	to stuff in, to force in, to press in	: akisig, akisigakin /KA
61-83	box	: asanduku/ngasandukui
61-84	basket (for putting things in)	: akikap/ngakikapa
61-85	to turn around	: akirim /KO
61-86	to turn [sth.] around	: akisirim /KO (akirim: 61-85)
61-87	to make [sth.] face towards [sth.]	: akibeleun /KO; akisingoliar /KA (akingoliar: to look toward sth.)
61-88	[sth.] to face towards [sth.]	: akikeney /TA
61-89	to fell [sth.]	: akitelor /KO
61-90	to turn [sth.] over	: akibel, akibelokin, akibelor /KO; akibelukuar /KO
61-91	to roll	: akilelo /KO
61-92	to make [sth.] roll	: akilelor /KO
61-93	to scatter	: akiyalar /KA; aekin /TA; akiyeliyel /KA; apetar /TA

62. Connecting and disconnecting

62-01	to tie, to fasten	: akiyen /TA
62-02	to untie	: alacar /TA
62-03	to become untied	: alakar /TA
62-04	knot	: ekume a auno (lit. nose of rope)
62-05	to connect (e.g. two strings)	: akodakin /TA; akirop, aropakin /TA
62-06	to attach	: akidap /TA; aropakin /TA; adonyokin /TO (lit. to sew. To sew and repair the crack of wooden vessel)
62-07	to stick [sth.] to sth., to attach	: akisirim /KA (lit. to cause to catch)
62-08	to become stuck	: akirumakin /KA; akodakin /TA; atapakin /TA
62-09	to become pasted up	: akirumakin /KA
62-10	to separate two things that are stuck together	: abolociar /TA (lit. to peel skin off); akityak /TA (lit. to part)
62-11	to peel off (e.g. a postage stamp)	: atakun /TA

62-12	[two things stuck to each other] to come apart	: alacakin /TA
62-13	to paste	: akirumakin /KA
62-14	to paste (e.g. a postage stamp)	: atapakin /TA
62-15	to make a bundle	: akituk, atukokin /TO
62-16	bundle (of twigs)	: atuket/ngatuketa a ngakyoto (akituk: 62-15)
62-17	to wind (e.g. a rope) around [sth.]	: akilog, akiloglog /KA; akimanaman /KA
62-18	to tighten	: akirijakin /KA
62-19	to loosen	: akilajalajakin /KA
62-20	[rope] to become loose	: akilajalaja /KA; alacun /TA
62-21	wire	: asowat/ngasowa
62-22	coil	: aluguro (alugur: to coil around sth.)
62-23	to poke in	: akiryapakin /KA
62-24	to pull out	: aditun /TA; adotun /TO; autun /TO
62-25	to pound in, to hit in (e.g. a nail)	: akidicakin /KA; aramakin /TA
62-26	[nail] to become loose	: akiloilo /KO; akiukuuko /KO
62-27	to screw in	: akipir, akipirpir /KA (an action as to make a hole with a gimlet by turning it between palms); akirij /KA (an action as to make a hole in the animal skin by a nail holding in a hand)
62-28	to divide, to part	: akityak /TA
62-29	to rub off [sth.] by using stick, etc.	: akijut /TO

63. Transformation

63-01	to bend	: akinyogakin /KA; akudokin /TO
63-02	to straighten [sth. bent]	: akitenar, akitenikin /KA; arikin /TO
63-03	to fold (e.g. paper)	: akibil, abilakin /TA
63-04	to unfold (e.g. paper)	: akitenar /KA
63-05	to smooth out (e.g. crumpled paper)	: atikokin /TO
63-06	to unfold, to straighten	: arikin, ariyor /TO (lit. to straighten a bent stick, to unfold a paper, etc.)
63-07	to twist	: amojir /TA
63-08	to flatten	: akiryanakin /KA (lit. to flatten [e.g. mound of sand]); apetakin /TA (lit. to spread)
63-09	to make round (e.g. a string)	: akikud, akudokin /TO
63-10	to make round (e.g. a clay ball)	: akilulung, akilulungikin /KA
63-11	to rub	: akirigare /KA; akisutar /KA; akimet, ametar /TA
63-12	to polish	: akisut, akisutar /KA; akisantiar /KA (lit. to wipe with <asanite> 28-13)
63-13	to whet, to sharpen the edge	: akipen, akipenar /KA
63-14	whetstone	: akipenet/ngakipeneta (akipen: 63-13)

63-15	to sharpen to a point	: akiit, aitar /TA
63-16	to become sharp pointed	: akwoner /TA (lit. to be sharp)
63-17	to swell	: akibu, abuore /TO; akitebukin /KO
63-18	[strings] to get tangled	: adudung /TA; akilogog /KA; akimanaman /KA
63-19	to entangle, to tangle (e.g. strings)	: akilog /KA
63-20	to disentangle	: akilac, alacar /TA; akitoruwar /KA; alakar /TA
63-21	to stretch out	: akirikin /KA
63-22	to shorten, to make [sth.] short	: akudokin /TO; akituuryanuun /KA; akitub /TO (lit. to cut)
63-23	to squeeze	: akibun /TA; akipiric /KA
63-24	to make [sth.] small	: aditeun /TA
63-25	to widen	: alolomer /TA; akitabalany /KA (abalany: to be wide)
63-26	to thicken, to make [sth.] thick	: akitalangir /KO (alangir: to be thick)
63-27	to make [sth.] thin	: akitidiim /KA (adiim: to be thin)
63-28	to soften (e.g. animal hide), to make [sth.] soft	: akitononok /KA (anonok: to be soft)
63-29	to soak [sth.] (e.g. animal hide) in water to soften	: akisiyab /KA (akiyab: 63-30)
63-30	to become soft (after soaking in the water)	: akiyab /KA

64. Breaking; destruction

64-01	to cut	: akidung /TO (lit. to cut with a knife, etc.); akitub /TO (lit. to cut and make sth. short)
64-02	to tear off a small portion from [sth.]	: acilar /TA; anilun /TA
64-03	to cut into pieces	: akitubtub /TO
64-04	to slice	: akipac /KA
64-05	to snap (e.g. a stick)	: abilibil /TA; akibil /TA
64-06	[stick] to snap, to break	: abila aburo /TA (akibil: 64-05)
64-07	to smash	: akicakacak /KA; akirekin /KA; akiruk /TO
64-08	to crush to pieces (with fingers)	: akiryadakin /KA; akipuupuu /KA (lit. to crush sth. between two fingers); akicamakin /KA (lit. to crush sth. with fingers on a board etc.)
64-09	to trample	: akicak /KA; akirec /KA
64-10	to prod (e.g. with a stick or finger-tip)	: akicumcum /KA
64-11	to hit, to beat	: akiram /TA
64-12	to tear (e.g. cloth)	: akicil /TA
64-13	to crack ([sth.] hard)	: akibil /TA; akibwang /TA
64-14	[wooden vessel] to crack	: abila /TA
64-15	to break into pieces	: abelebel /TA; abwangabwang /TA; apetar /TA (lit. to spread)
64-16	to break (e.g. a machine), to put out of order	: akinyasun /KA

- 64-17 to split (a branch : akici, acici /TA
of a tree)
64-18 to wreck (a house) : aiyatar /TA; akibwang /TA

65. Other kinds of action toward things

- 65-01 to collect : akidep /KA; akiger /TO
 65-02 to compare : akisemere /KO; akisikwan /KA
 65-03 to choose : aseun /TA
 65-04 to distinguish : akiyen /TA (lit. to know)
 65-05 to surpass : akiduwang /KA (eduwangit aite akaali: cow is better than camel)

XV. THINGS

66. Parts of things

- | | | |
|-------|---|--|
| 66-01 | tip, point | : akitik/ngakituka (lit. mouth) |
| 66-02 | point of a knife | : angajep a ekileng (lit. tongue of knife) |
| 66-03 | end | : esal/ngisali |
| 66-04 | splinter, piece | : ekabelit/ngikabelai;
ekabelabelat/ngikabelabelai |
| 66-05 | slice | : akipacunet/ngakipacuneta (akipac: to cut off,
to slice) |
| 66-06 | hole | : apedot/ngapedor (akiped: 66-07) |
| 66-07 | to make a hole | : akiped /TO (lit. to pierce) |
| 66-08 | side | : ekwas/ngikwasya; esep/ngisepyon (lit. a part
of rib of animal body) |
| 66-09 | front surface
(e.g. of a coin) | : kidyaama (lit. up-side) |
| 66-10 | front surface of a
leather mat,
face of a mat | : tooma ejomu (lit. inside of mat. Mat is folded
into two when not used) |
| 66-11 | reverse surface | : aaor; kaku/ngikauwa |
| 66-12 | bottom | : ekawosiwosit/ngikawosiwosi |
| 66-13 | corner | : agaalis/ngagaalisyo; ekwas/ngikwasya;
akudokinet/ngakudokinet (akudokin: to bend) |
| 66-14 | corner of a river | : agule/ngagulei a angolol |
| 66-15 | corner of a vessel | : ekeli/ngikelvo a atuba |

67. Relation to things

- | | | |
|-------|--------------------------|--|
| 67-01 | front | : ngaren |
| 67-02 | rear | : kaku; aabor |
| 67-03 | space between two things | : kiding |
| 67-04 | middle, center | : kiding; akiremet/ngakiremeta (akiryam: to meat) |
| 67-05 | up | : kidyaaama |
| 67-06 | down | : kwap |
| 67-07 | inside | : tooma |
| 67-08 | outside | : kinga; nikalapatan (lit. outside of hut, outside of homestead) |
| 67-09 | left | : kidyeny |
| 67-10 | left hand | : akan na lo kidyeny |
| 67-11 | right | : teten |

67-12	right hand	: akan na lo teten
67-13	near	: eapi; diiye; diiyete
67-14	the opposite side	: ikwakaie; yaaiye
67-15	it's near	: eapi
67-16	it's far	: elona
67-17	behind [sth.]	: kaku

68. Colors and shapes

68-01	color	: ajulot/ngajul (lit. animal fur)
68-02	what color?	: aies ai? (lit. what kind of appearance?)
68-03	redness	: arengis
68-04	red stone	: amoru naaryangan
68-05	to become red	: arenger /TA
68-06	whiteness	: akwangis
68-07	white stone	: amoru naakwang
68-08	to become white	: akwanger /TA
68-09	blackness	: akiryerut
68-10	black stone	: amoru nakiryoon
68-11	to become black	: akiryoner /KA
68-12	blue	: apus
68-13	yellow	: anyang
68-14	[color] to change	: akiloc /KO
68-15	spot	: akilim, alimait/ngaliman; akemer/ngakemera (lit. mole)
68-16	to speckle	: akigir /KA (lit. to draw); akilim /KA (lit. to make marks on wooden vessels, etc. by heated iron brands, etc.)
68-17	to dye	: akipur /KO
68-18	to paint (colors)	: akitujuk /KO (term for painting clay of several colors called <emunyen> 73-07)
68-19	to daub	: ametar /TA (lit. to rub)
68-20	line	: erot/ngiroton (lit. path); awot/ngawotin (lit. line made by snake crawl, something dragged, etc.)
68-21	to draw a line	: akigir awot /KA; akiriar awot /KA
68-22	to be equal	: ariyan /TA
68-23	to be similar, to resemble, to be like [sth.]	: akikwan /KA (ikwan ekile ngol ka Thomas: this man looks like Thomas)
68-24	to differ	: atyakak /TA
68-25	mark	: ados/ngadosyo; emacar/ngimacarin (lit. animal brand)
68-26	to mark, to brand	: akiwaakin ados /KA; amacar /TA (lit. to brand an animal)

XVI. NATURAL PHENOMENA

69. Natural phenomena

69-01	sky	: adis/ngadison
69-02	sky, heaven	: akuj (a term for "god")
69-03	sun	: akolong
69-04	moon	: elap
69-05	[the sun] to rise	: adetun /TA; akilamun /KA
69-06	sun-rise	: akilamunet a akolong (akilamun: 69-05)

69-07	sun-set	: adoiyaret a akolong (adoiyor: 69-08)
69-08	[the sun] to set, to go down	: adoiyor akolong /TO
69-09	to dawn	: akiwalar /KA
69-10	star	: ekanyarit/ngikanyer; etop/ngitopon
69-11	Pleiades	: ngakanyer
69-12	morning star (Venus)	: etop lo a akiwalar (lit. star of dawn); etop lo a ataparac (lit. star of morning)
69-13	cloud	: edou/ngidouwon
69-14	[cloud] to spread	: apetar ngidouwon /TA
69-15	fog	: eloc/ngiloca
69-16	rain	: akyur/ngakyurusyo
69-17	to rain	: akitep /TA; akiram akyur /TA
69-18	[rain] to come near	: asipokin akyur /TA
69-19	continuous rain	: akyur nakedaman
69-20	[rain] to wash away many things	: agaariyor /TO
69-21	to shelter from the rain	: akimec /TA
69-22	[rain] to cease	: akikar /KA
69-23	vapor after the rain	: eloc/ngiloca; apuru a ngalup (lit. steam of the ground)
69-24	rainbow	: ekepe (elokaki ekepe: a rainbow rises. akilok: to trap, ekepe: spirit)
69-25	[weather] to clear up	: akiwalar /KA
69-26	lightning	: akimilyaunet/ngakimilyauneta (akimilyaun: 69-27)
69-27	[lightning] to lighten	: akimilyaun /KA; arikirik /TO (term used for lightning of far places)
69-28	thunder	: agir/ngagirokineta; ekepe loberu (lit. female <ekepe> 60-08, i.e. thunder which crashes down heavily); ekepe lokile (lit. male <ekepe> 60-08, i.e. thunder which roars and growls high in the sky)
69-29	to thunder	: agirokin /TA
69-30	cold air	: akatorot/ngakatorosyo
69-31	dew	: ngakop
69-32	wind	: ekuwam/ngikuwamya
69-33	[wind] to blow	: akikut /TA
69-34	strong wind	: ekuwam loapolon (lit. big wind); ekuwam lomaanik (lit. wind of reproducing male)
69-35	whirlwind	: ekuwam lopiripir
69-36	[whirlwind] to blow	: akipir /KA
69-37	[wind] to blow away [sth.]	: akutar /TA
69-38	to avoid sunbeam	: akimec akolong /TA; akigalikin /KO (lit. to put animal skin, etc. on the hut to shelter)
69-39	[the sun] to glare	: arirare /TA
69-40	air	: ekuwam/ngikuwamya (lit. wind)
69-41	east	: kide
69-42	west	: too
69-43	south	: kuju (also means up-stream)
69-44	north	: kwap (also means down-stream)

70. Light and sound

70-01	to shine	: acaun /TA; akinok /KA; aparapar /TA
70-02	to glitter, to shimmer, to twinkle	: amillmil /TA
70-03	light	: akica; akinoket/ngakinoketa (akinok: 70-01); asarai/ngasarai a akim (lit. light of fire)
70-04	flash	: akimilya
70-05	to flash	: akimilyaun /KA
70-06	daylight	: akica a akolong; aparap (lit. daytime)
70-07	moonlight	: akica a elap
70-08	darkness	: akirenut; arib; akwaare (lit. night-time)
70-09	shadow, shade	: etolim/ngitolimo; etorube/ngitorubei
70-10	to get dark	: aribokin /TA
70-11	to become bright	: acaun /TA
70-12	lamp	: akinoket/ngakinoketa (akinok: 70-01, 70-13); ataa/ngataai
70-13	to light up (a lamp)	: akinok, akinokakin /KA
70-14	[lamp] to become lit	: anokun ataa /KA
70-15	to throw light on [sth.]	: akinok, akinokakin /KA
70-16	sound	: aruore; arukin
70-17	to emit sound	: akituruore, akiturukin /KO
70-18	to emit a momentary sound	: akikilaun /KA
70-19	to emit a continuous sound	: akimaretet /KO
70-20	to rumble	: aruore /TO
70-21	to become quiet	: akililing /KA
70-22	[village] to be quiet, to be calm	: atakina adakar, acakina adakar /TA
70-23	quiet village	: ere lo kililingan
70-24	noisy town	: ere lo kacalan

XVII. GROUND

71. Geographical features

71-01	mountain	: emoru/ngimoru
71-02	hill	: arii/ngarii; aukot/ngaukon
71-03	peak, hill top	: aita/ngaitai (lit. pointed top); kidyama (lit. up-side)
71-04	slope	: akokor/ngakokorisyo
71-05	to slope up or down	: akokor /TO
71-06	cliff	: akope/ngakope; ekipetet/ngikipetotyo (term for cliff on the bank of winding rivers)
71-07	valley	: agum/ngagumyon; emurya/ngimurya
71-08	cave	: aturukan/ngaturukanya
71-09	forest	: amoni/ngamon
71-10	shrub, bush	: nikamutonon (amuton: [bush] to grow thick)
71-11	grassland	: aro/ngaroatin; ejem/ngijemya
71-12	desert	: apaire/ngapairei; ariet/ngarieta
71-13	bush country where only few people live	: amoni/ngamon
71-14	horizon	: esal a akuj

71-15 land (in contrast to the sea) : akuwap/ngakuwapin

72. River

- 72-01 river : angolol/ngangololin
 72-02 trench, water course : acarait/ngacara; aiyanai/ngaiyana; aasak/ngaasakya
 72-03 sea : anam/nganamya
 72-04 wave : etoro/ngitoroi
 72-05 lake : anam/nganamya
 72-06 swamp : erus/ngirusyo
 72-07 fountain : ecowa/ngicowai
 72-08 water pool : ebur/ngiburin (deep one surrounded by big rocks); apao/ngapaoi (found on flat rocks); elelya/ngilelyan (big and deep one which does not dry up in a short period, found in the open plain); abuwel/ngabuwelin (found in the pebbly river bed); atapar/ngatapar (found in the open plain); ekipor/ngipuerin (found in the sandy river bed after the water retreats)
 72-09 deep part of a river : etau a angolol (lit. heart of river)
 72-10 [river] to be deep : acukul /KO; awoi /TO
 72-11 shallow of a river : ekwas a angolol (lit. corner of river)
 72-12 [river] to be shallow : atekenyen /TA
 72-13 upstream : akisekinet/ngakisekineta (akisekin: to begin); kuju
 72-14 to go upstream : akilot kuju angolol /TO; akiwap kuju angolol /KA
 72-15 downstream : kwap
 72-16 to go downstream : akilot kwap angolol /TO; akiwap kwap angolol /KA
 72-17 waterfall : ekokor/ngikokor; eteles/ngitelesya
 72-18 flood : akaale/ngakalel
 72-19 [flood water] to subside, to withdraw : akijuar /KA
 72-20 [river] to dry up : akiwon angolol, awoner angolol /TO
 72-21 river bank : ekipetet/ngikipetotyo (lit. steep river bank)
 72-22 island : alukat/ngalukata; apacele/ngapacelei; atekur
 72-23 to float, to remain on the surface of water : akibleb /KO
 72-24 to surface : akilebun /KA; akisoleun /TO
 72-25 to float up from blow : amuriar /TA; atiar /TA
 72-26 to sink : akiriun /KA
 72-27 to refloat [sth.], to salvage, to drag up [sth.] to flow, to be carried by water : akibleb /KO
 72-28 [water] to flow, to go : alal /TA
 72-29 to cross (a river) : akidok /TA
 72-30 bridge : edoket/ngidoketa (akidok: 72-29); etaraja/ngitarajai
 72-31 log bridge : edoket a eketoi (lit. bridge of a tree)
 72-32 to cross (a bridge) : akidok edaraja /TA
 72-33 ford, crossing point : edoket/ngidoketa (akidok: 72-29)

72-34	ship	: ameeli/ngameelyo; atuba/ngatubai (lit. wooden vessel)
72-35	to paddle	: akigur atuba /KO (akigur: to stir); akiram atuba /TA (akiram: to beat, to drive)
72-36	paddle, oar	: akiguret/ngakigureto a atuba (akigur: to stir)
72-37	to swim	: akiculumare /KA; akilulumare /KA; akitapatap /KA
72-38	to dive	: akilum /TO
72-39	to go into the water	: alomar anakipi /TA
72-40	to jump into the water	: aporokin anakipi /TO
72-41	to come out of the water	: apudun anakipi /TO
72-42	[water] to become cloudy, to become muddy	: angoryaner ngakipi /TA
72-43	to cloud water by stirring	: akicok ngakipi, akicokakin ngakipi /KA; akitoongoran /KA
72-44	to splash water	: akiter /KA
72-45	[water] to become clean, to clear	: aliwar /TA

73. Ground and minerals

73-01	ground	: ngalup; kwap
73-02	stone	: amoru/ngamoru
73-03	to pile (e.g. stones)	: akisen /TA; atukokin /TO
73-04	rock	: ataaba/ngatabab
73-05	flat rock	: ataaba nadapal
73-06	sand	: asinyen/ngasunyono
73-07	soil	: ngalup; emunyen/ngimunyaen (lit. special kind of soil utilized to smear on the body); engangeme (lit. soil including small stones)
73-08	clay	: ecoto/ngicotoi; epokor (lit. soil which is dried up hard)
73-09	red soil	: ngalup naaryangak
73-10	iron, metal	: asowat/ngasowa
73-11	to rust	: akirumun ekut /KA; akiting elos /TA (lit. to hold dirt)
73-12	mud	: ecoto/ngicotoi
73-13	hole	: akipany/ngapanya
73-14	to dig [a hole], to dig up soil, to dig out [sth.]	: akibok, abokun /TA; akiwad, awadar /TO
73-15	to fill a hole, to bury [sth.]	: akinuk /TA
73-16	trench	: acukule/ngacukulei; naroo/ngaroon
73-17	to stick [sth.] into the ground	: adupakin /TA; akiturokin /KO
73-18	to ram (e.g. a stick) into the ground	: akitij /KA; aramakin /TA

XVIII. TIME

74. Time

74-01	time	: esaa
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74-02	day (of 24 hours)	: akwaar/ngakwaarisya; eruwait/ngiruwa
74-03	daytime	: aparan
74-04	morning	: ataparac
74-05	noon	: naparan lotingilan
74-06	evening	: atabong/ngatabongisya; ebong
74-07	night	: akwaare
74-08	midnight	: kiding-kwaare
74-09	dawn	: akiba; abait (lit. crack); ecili (akicil: to tear)
74-10	the day before yesterday	: ngoon; akwaar nace ka been
74-11	yesterday	: been
74-12	today	: akwaar naka; tete
74-13	tomorrow	: moi
74-14	the day after tomorrow	: moi nace; akwaar nace moi ka yaaiye
74-15	everyday	: ngiruwa daang (lit. all days); jiik (lit. continuously)
74-16	week	: euiki/ngiukyo
74-17	month	: elap/ngilapyo
74-18	year	: ekar/ngikar (one major dry/rainy season is counted as <ekar epei>: one year)
74-19	old times	: kolong a angorot
74-20	a little while ago	: aberiberakin ca; kolong ca; tokona ca
74-21	now	: tokona
74-22	soon	: tokona ca
74-23	afterwards, later	: ace pak (lit. another moment); takae
74-24	dry season	: akamu/ngakamusyo (term for major dry season or dried condition of grasses); ait (short dry season following the major rainy season)
74-25	rainy season	: akiporo/ngakiporosya (term for major rainy season or green condition of grasses); akiceeres (short rainy season following the major dry season); atepun/ngatepunet (akitep: to rain); erupe/ngirupe (short rainy season around Oct. to Nov.)
74-26	hour (three hours)	: alonyaket a ngisaa ngauni
74-27	three o'clock	: esaa ngakanikaomon (lit. nine o'clock: Turkana hour is 6 hours ahead, as in Swahili)
74-28	around 2 o'clock a.m.	: ekutuny na ngikosowa (akutuny: [cold wind] to brow, ngikosowa: buffaloes)
74-29	around 4 o'clock a.m.	: kenyakaikes ngikaala (anyakaikin: to ruminate, ngikaala: camels)
74-30	around 5 o'clock a.m.	: etop lo akingaren (lit. the first star)
74-31	around 6 o'clock a.m.	: etop lo a ataparac (lit. star of morning)
74-32	at pre-dawn	: ataparac elilim (ataparac: morning, alilim: to be cold); acili nanyang (akicil: to tear, -nyang: yellow)
74-33	at dawn	: akiba; abait (lit. crack); edetuni akolong (adetun: [sun] to rise)
74-34	around 8-9 o'clock a.m.	: esimokunyak (akisim: to sweat slightly + ekunyak: ground squirrel)
74-35	around 10 o'clock a.m.	: acaunet (acaun: to become bright)
74-36	around 12-13 o'clock	: naparan lotingilan

74-37	around 3-4 o'clock p.m.	: aryongakinet a akolong (akiryong: to shoulder)
74-38	around 5 o'clock p.m.	: aripokinet akolong (akiripokin: to sit and wait)
74-39	around 6 o'clock p.m.	: adoiyaret a akolong (adoiyor: to go down e.g. into the well)
74-40	around 7 o'clock p.m.	: ikaikai
74-41	around 7-8 o'clock p.m.	: lpoongamoti (akipore: to boil over, to cook + ngamoti: cooking pots); emujo (akimuj: to eat)
74-42	around 10 o'clock p.m.	: eyanyo (akiyan: to converse, to talk)
74-43	around 11 o'clock p.m.	: kejotooroi (ajotoor: to be sleeping)
74-44	around 12 o'clock p.m.	: atyaka ngakwaarisya ngaarei (lit. to divide two days); ibelokunoi (akibelokin: to turn while sleeping)
74-45	minute (five minutes)	: ngadakika ngakan
74-46	what time?	: ngisaa ngiai?; etia akolong ai? (lit. how is the sun?)
74-47	when?	: ori?
74-48	to be in time	: akisokar /KA
74-49	to be late	: akicuwar /KA; akingop /TA
74-50	early	: aberun
74-51	early (in the morning)	: eroko ataparac (lit. still in the morning)
74-52	holiday	: akwaar na akiyanga (akiyanga: to have rest)
74-53	January (correspondence with the Western calendar is not strict)	: lokwang (akwang: white. Grasses dry out)
74-54	February	: lodunge (adunger: [fire] to go out. The driest season goes away)
74-55	March	: lomaruk (akimaruk /KO: to come to life)
74-56	April	: locoto (ecoto: mud)
74-57	May	: titima (akititimare /KA: [plant] to grow, to become almost ripen)
74-58	June	: eliel (akielar /KA: [e.g. sorghum] to come into ears)
74-59	July	: losuban (ngasuban: a kind of ritual, see 30-33)
74-60	August	: lotyak (akityak: to divide)
74-61	September	: lolong (akolong: the sun, akilongiar /KA: [the sun] to be glare)
74-62	October	: lopo (akipore: to cook. A season to cook and eat fruits of <u>Acacia tortilis</u> Forsk.)
74-63	November	: lorara (araraun: [fruits] to drop onto the ground)
74-64	December	: lomuk (akimuk: to cover. Tree branches provide shade)
74-65	Monday	: akwaar naapei
74-66	Tuesday	: akwaar nangaarei
74-67	Wednesday	: akwaar nangauni
74-68	Thursday	: akwaar nangaomon
74-69	Friday	: akwaar nangakan
74-70	Saturday	: akwaar nangakanikaapei
74-71	Sunday	: akwaar nangakanikaarei
74-72	date: the 3rd of April	: ngiruwa ngauni a elap a ngaomon

74-73	last month	: elap lo been
74-74	this month	: elap lo
74-75	next month	: elap lo moi
74-76	last year	: ekar lo been
74-77	this year	: ekar lo
74-78	next year	: ekar lo moi
74-79	ago: four days ago	: ngiruwa ngaomon lu ngoon alunyar; ngiruwa ngaomon lu been ka yaaiye
74-80	after: after four days	: ngiruwa ngaomon lu moi ce; adaunet a ngiruwa ngaomon (adaun: to come to an end)
74-81	after: after finishing something	: ani erumor (lit. if it finishes)
74-82	before	: ekingaren (lit. first)
74-83	since yesterday	: ageun been (ageun: to begin)
74-84	until tomorrow	: tanang moi; tani moi; paka moi
74-85	sometimes	: ace pak (lit. another moment); ace akwaar (lit. another day)
74-86	repeatedly, continuously	: jiik
74-87	always	: ngiruwa daang (lit. all days)
74-88	again	: nabo
74-89	recently, nowadays	: ngiruwa lu (lit. these days)

XIX. NATURE OF THINGS

75. Nature of things

75-01	good book	: akitab naajokon; ejok akitab
75-02	to become good	: ajoker /TO
75-03	goodness	: ajokis
75-04	bad book	: akitab naarunon; erono akitab
75-05	to become bad	: aroner /TA
75-06	badness	: aronis
75-07	big dog	: iingok niapolon
75-08	to become big	: apoloun /TO
75-09	largeness	: apolore
75-10	small dog	: iingok niici; iingok nidit; iingok nidisyak
75-11	to become small	: aditeun /TA
75-12	smallness	: ekiditeu
75-13	long stick	: aburo nakoiyen
75-14	to become long	: awoiyar /TO
75-15	length	: awoiyau
75-16	short stick	: aburo nauriyen
75-17	to become short	: aurianer /TA
75-18	shortness, brevity	: aurianut
75-19	heavy stone	: amoru napotyon
75-20	to become heavy	: apotier /TO
75-21	weight, heaviness	: apotis
75-22	light stone	: amoru nawok
75-23	to become light	: awoker /TA
75-24	lightness	: awok; awookanut
75-25	hot milk	: ngakile nakamonak
75-26	to become hot	: amonun /TA
75-27	cold milk	: ngakile nakaalimok
75-28	[milk] to become cold	: alilimer /TO

75-29	[weather] to be hot	: akibuusiun /KA; arira akuwap /TA
75-30	[weather] to become hot	: ariraun akolong, ariraun akuwap /TA
75-31	[weather] to be cold	: alilim akuwap /TO
75-32	[weather] to become cold	: alilimer akuwap /TO
75-33	strong territorial group	: ekitela lokagogong; ekitela lomaanik
75-34	to become strong	: agogonger /TO
75-35	strength	: agogong
75-36	weak territorial group	: ekitela lopalag
75-37	to become weak	: apalag /TA
75-38	weakness	: apalagaanut
75-39	[rope] to be strong	: aninik /TA
75-40	strong rope	: auno nakaninikan
75-41	new knife	: ekileng lokitetet
75-42	old knife	: ekileng longorot
75-43	high mountain	: emoru lokoien
75-44	height	: awoiyau
75-45	low mountain	: emoru lourien
75-46	sharp knife	: ekileng lokakwanan
75-47	[knife] to be sharp, to become sharp	: akwoner /TA
75-48	dull knife	: ekileng lokangiyon
75-49	to make dull (e.g. a knife)	: akitingingi /KO (lit. to cause to become dull)
75-50	[knife] to become dull	: angingior /TO
75-51	[dog] to be fierce	: adedeng /TA
75-52	[dog] to become fierce	: adedenger /TA
75-53	fierce dog	: iingok nikadyangan
75-54	[dog] to be mild	: apataner /TA
75-55	mild dog	: iingok nikapatanan; epatana iingok
75-56	[person] to be thin	: abeben /TA; adiim /TA
75-57	thin person	: itwan nidiim
75-58	[person] to become thin	: acikin /KA; akikar /KA
75-59	to become fat	: akitum /TA; aduwarun /TA
75-60	fat person	: ekatuman/ngikatumak
75-61	[thread] to be thin	: adiim /TA; abeben /TA
75-62	thin thread	: akiriit nadiim; akiriit nabeben
75-63	[thread] to be thick	: alangir /TO
75-64	thick thread	: akiriit nalangir; akiriit naapolon
75-65	[paper] to be thin	: adiim /TA; abeben /TA
75-66	thin paper	: akaratac nadiim; akaratac nabeben
75-67	[paper] to be thick	: alangir /TO
75-68	thick paper	: akaratac nalangir; akaratac nabutur; akaratac napotyon
75-69	to be flexible, to be plastic	: akinyalik /KO
75-70	kind person	: itwan ni arimatoi (lit. respectful person)
75-71	to be generous	: abobou /TO
75-72	generous person	: ekaabor/ngikaabok
75-73	to be stingy	: amona /TA
75-74	stingy person	: ekamonan/ngikamonak

75-75	to become rich	: akibar /TA
75-76	rich person	: ekabaran/ngikabarak
75-77	to become poor	: akiboot /KO; akulakan /TA
75-78	poor person	: ekebootonit/ngikebootok; ekulakit/ngikulak (also means the Teuso people)
75-79	people who are useless, poor, without home, etc.	: ekaramit/ngikaram
75-80	to be brave	: adedeng /TA; atitin /TO; aosou /TO
75-81	brave person	: ekatitinon/ngikatitinok; ekadyangan/ngikadyangak; ekawoson/ngikawosok
75-82	honest person	: itwan niajokon (ejok: good); nyelyokono (negation of <alyokon>: to tell a lie)
75-83	[country] to be large in area, to be wide	: alolom /TA; abalany /TA
75-84	large country (in area)	: akuwap nalolom; akuwap nabalany
75-85	[country] to be small in area, to be narrow	: adiding /TA
75-86	small country (in area)	: akuwap nadiding
75-87	[woman] to be beautiful	: abus /KA
75-88	beautiful woman	: aberu nakebusyen
75-89	to be dangerous	: aroner /TA; aparinging /TA
75-90	important thing	: ibore nikitalyo (lit. thing of <etali> 55-02); ibore niapolon (lit. big thing)
75-91	the same dog	: iingok nipei (lit. one dog); iingok nitete
75-92	another dog	: iingok nice
75-93	whole body	: akwan daang (lit. whole body)

XX. GENERAL (ACTIONS)

76. Beginning and ending

76-01	to begin (e.g. work)	: ageun /TA; akisek, akisekin, akisere /KA
76-02	to finish (e.g. work)	: arumor /TO
76-03	[work] to come to an end	: adaun /TA; asalun /TA
76-04	beginning	: ageunet/ngageuneta (ageun: 76-01); akisekinet/ngakisekineta (akisekin: 76-01)
76-05	end	: arumoret/ngarumoreta (arumor: 76-02); adaunet/ngadauneta (adaun: 76-03); esal/ngisali (asalun: 76-03)
76-06	to continue (e.g. one's work)	: akisub jiiik /TA (lit. to do continuously)
76-07	to repeat	: abongokin /TO
76-08	[accident] to happen in succession	: arerenger /TO

77. Other verbs

77-01	to do	: akisub /TA; akitiyare /KA
77-02	to be able to [do sth.]	: apedor /TO; asubakin /TA
77-03	to have [sth.],	: aiyakar /TA; akiting /TA

	to possess	
77-04	to exist	: aiyakar, aiyakau /TA
77-05	to become	: araun /TA; aliwor /TO (lit. to become sth. in far future)
77-06	to lack	: amamakar /TA; angopikin /TA
77-07	to need	: akisak /TA
77-08	to be sufficient	: akitemokin /KO
77-09	to test	: akining /KO; akitem /KO; akitetemoor /KO

XXI. GENERAL (THINGS)

78. General (things)

78-01	object, thing	: ibore, iborosit/ngiboro
78-02	event, affair	: akiroit/ngakiro
78-03	kind, sort, type	: epite/ngipitesinei
78-04	what kind of?	: aies ai? (lit. what kind of appearance?); ngipitesinei ngiai a ngiboro? (lit. how many kinds of things?)
78-05	what kind of book?	: akitab na ikoni ai?; akitab na ikoni ani?; akitab nyo? (lit. what book?)
78-06	book like this, this kind of book	: akitab na ikoni na
78-07	place	: akuwap/ngakuwapin; aro/ngaroatin

XXII. MISCELLANY

79. Pronouns, etc.

79-01	I	: ayong
79-02	you [sing.]	: iyong
79-03	he/she	: ngesi
79-04	we	: ngooni (inclusive of the addressee); sua (exclusive of the addressee)
79-05	you [pl.]	: esi
79-06	they	: kec
79-07	himself	: ngesi elope
79-08	anybody, everybody	: itwan daang (lit. all people)
79-09	this, these	: [this] lo, logo: masculine; na, naga: feminine; en, egen: neuter; [these] lu, lugu: non-feminine; nu, nugu: feminine
79-10	that near you, those near you	: [that] ngol, ngolo: masculine; ngin, ngina: feminine; ngin, ngini: neuter; [those] ngul, ngulu: non-feminine; ngun, nguna: feminine
79-11	that over there, those over there	: [that] ye, yege: masculine; ya, yaga: feminine; i, igi: neuter; [those] kwi: non-feminine; kwa: feminine
79-12	here	: nege
79-13	there (near you)	: neni
79-14	over there	: ama
79-15	over there in the distance	: inaa
79-16	everywhere	: wadaang

80. Interrogatives

80-01	who	: ngai
80-02	what	: nyo
80-03	which	: [sing.] a-li: masculine; a-ni: feminine and neuter; [pl.] a-lu: non-feminine; a-nu: feminine
80-04	which book?	: akitab ani? (see 80-03); ani-kitab?
80-05	where	: ai; aliwae
80-06	where is it?, where are they?	: [sing.] nia-li: masculine; nia-ni: feminine and neuter; [pl.] nia-lu: non-feminine; nia-nu: feminine
80-07	when	: ori
80-08	why	: koterinyo; kainyo; nyo
80-09	how	: koai; koani
80-10	how many?	: ngiai: non-feminine; ngaai: feminine
80-11	how is? (size, volume, location, etc.)	: etia ai?

81. Adverbs and conjunctions

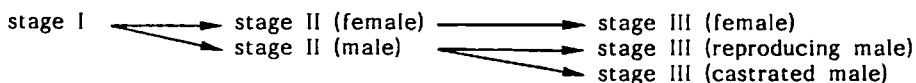
81-01	especially	: akiduwang /KA (lit. to win, to be superior. iduwangit emong logo atumit: this ox is especially fat)
81-02	truly, surely	: iteni; ekong (akikong: to swear, to promise)
81-03	of course	: ee robo; kote (used in answering to the question <kotenenia?>)
81-04	perhaps, maybe	: ace pak (lit. another moment); meere boa? (lit. isn't it?)
81-05	extremely	: dirdir
81-06	extremely, very, very much	: noi; lokajokon; kya; pic
81-07	a little bit	: wadeecici; wadyo
81-08	then, after that	: nabo dae
81-09	therefore	: kaneni boca
81-10	namely	: ebe; ngesi (lit. he/she/it); enyaritai (lit. so called. anyar: to call)
81-11	for example	: akisikuwanet; akitetemet; akitoodikinet
81-12	besides	: kidyaama (lit. upon)
81-13	what else besides meat?	: nyo ice akidonga akiring? (akidong: to remain)
81-14	instead of, to be in place of	: akiluny /TA; akiduwang /KA (akiduwang akinyam akiring atonyama ngikolya: I eat fish instead of meat)
81-15	without meat	: emam akiring
81-16	only	: bon (this term means "one and only" for countable things); makei (this means "only" for more than one of countable things)
81-17	rather	: ca
81-18	still	: eroko; eringa

82. Greetings, etc.

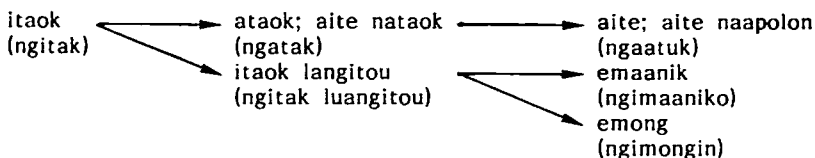
82-01	yes	: ee
82-02	no	: mam; emam

82-03	not	: meere
82-04	Hello	: ejok
82-05	Good bye	: kaperobo (lit. you would go); kiboirobo (lit. you would be sitting); kidongrobo (lit. you would remain)
82-06	Good morning (greeting)	: ejok
82-07	Good evening (greeting)	: ejok
82-08	Good night (greeting)	: toperirobo (lit. you would sleep)
82-09	please	: aai; kare ca; kingarakinai (lit. please help me/us)
82-10	Pardon me, Excuse me, Sorry	: torimakinai (lit. please forgive me/us) arimakin: to forgive, to obey, to respect)

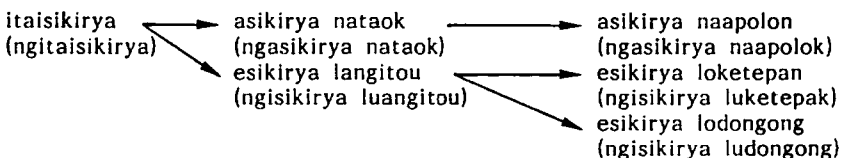
Appendix 1. Age-sex classification of livestock (terms in parentheses are plural forms)



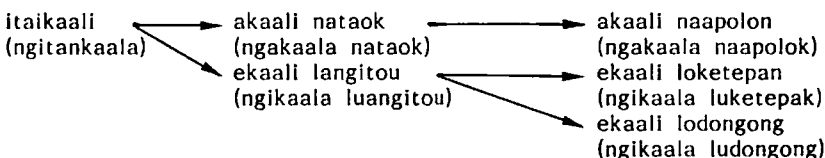
cattle: ngaatuk



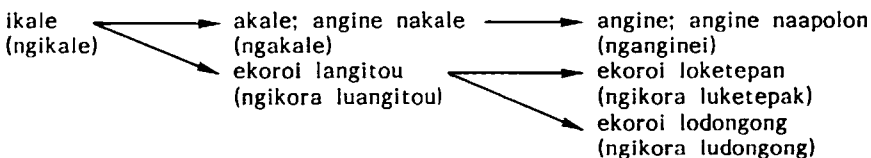
donkey: ngisikirya



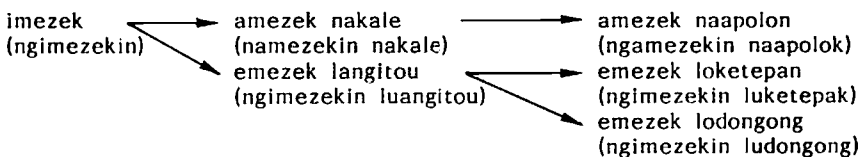
camel: ngikkaala



goat: nganginei; nganginei namee; ngamee



sheep: ngamezekin



Appendix 2. Horn shape classification.



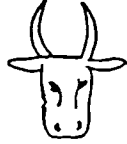
1. -dyepa; -iyopo



2. -komar



3. -luk; -bukuno



4. -kodos



5. -ita; -uwala



6. -poponga



7. -keryaman



8. -koda



9. -congor



10. -ryonga; -napa



11. -ngelec; -diata



12. -peta; -mangal



13. -bakar



14. -todo (one horn)



15. -lim (hornless)



16. -songoli

17. ngidonge; -tidong; 18. -nangur (broken horn)
nangananga
(short horn)

Appendix 3. Ear marking classification.

1. itebital



5. eirieritai



2. emunitoi



6. ewodoritai



3. edoritai



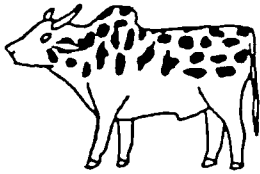
7. engurubitoi



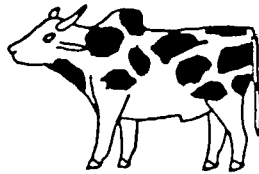
4. ekocilitai



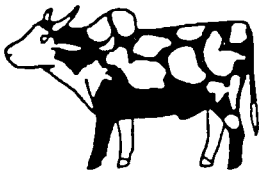
Appendix 4. Coat color classification.



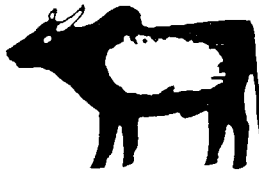
1. -meri; -kori



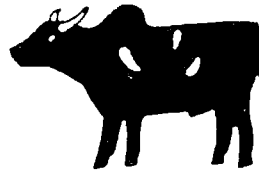
2. -ngorok; -komoli



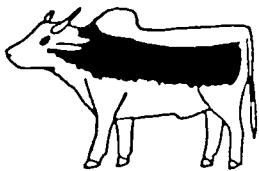
3. -bubuo



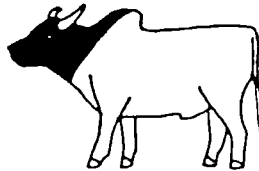
4. -kapell



5. -kedikedi



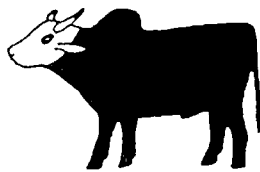
6. -koli



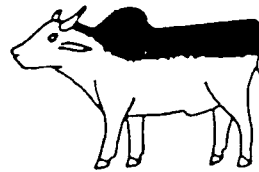
7. -linga



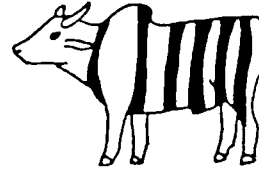
8. -lukwa



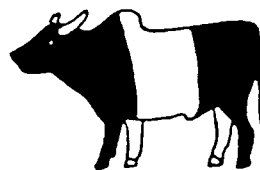
9. -ngole



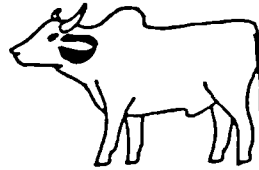
10. -ngora



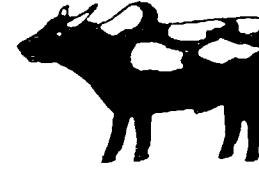
11. -aze



12. -sili



13. -tulya



14. -wazi

Appendix 5. English index

(most nouns are listed in singular form).

35-37 aardvark	74-56 April	40-06 bee wax	66-12 bottom
61-64 abandon	52-05 argue	40-03 beehive	43-03 boundary
2-10 abdomen	3-01 arm	40-11 beetle	55-11
50-75 abuse	20-05 armpit	40-12	34-52 bow
52-01	2-14 armpit	40-16	36-11
46-52 accompany	56-03 army	74-82 before	36-12 bowstring
47-53 accomplish	46-07 arrive	54-50 beggar	61-83 box
54-12 accuse	36-13 arrow	76-01 begin	32-04 boy
58-34 accustomed	36-15 arrowhead	76-04 beginning	6-10 brachium
13-01 ache	36-14 arrow shaft	67-17 behind	1-02 brain
47-48 active	57-37 ashamed	7-27 belch	41-26 branch
57-04	48-03 ashes	58-25 believe	41-27 branch off
1-38 Adam's apple	53-12 ask for	34-69 bell	46-73
59-42 add	54-52 assemble	47-16 bellows	34-63 brand
50-10 address	54-53	2-10 belly	68-26
34-48 adopt	47-03 assist	2-13	75-80 brave
34-49	50-51	63-01 bend	75-81
32-12 adult	62-06 attach	81-12 besides	21-06 bread
58-39 advice	62-07	46-66 bicycle	64-06 break
47-20 adze	56-22 attack	75-07 big	64-15
78-02 affair	74-60 August	75-08	64-16
30-32 affine	29-39 aunt	5-26 bile	50-54 break a
50-47 affirm	46-60 automobile	39-23 bill	promise
74-80 after	45-48 avoid	52-20 bind	7-37 break wind
74-81	52-10 avoid a fight	39-01 bird	2-08 breast
81-08	69-38 avoid sunbeam	81-07 bit	31-17 breast-feed
74-23 afterwards	44-15 awake	34-08 bite	5-07 breastbone
74-88 again	60-03 awe of	25-04 bitter	7-10 breath
59-54 age	43-09 ax	68-10 black	7-11 breathe
54-08 age-group	10-05 babble	68-11	7-13 breathe in
32-13 aged	16-21 babesiasis	16-12 black quarter	7-14 breathe out
74-20 ago	35-02 baboon	16-13	75-18 brevity
74-79	31-07 baby	16-16	26-17 brick
50-49 agree	31-24 baby sling	68-09 blackness	30-09 bride
46-06 ahead	2-19 back	47-13 blacksmith	30-12 bride wealth
69-40 air	2-20	50-43 blame	30-10 bridegroom
46-68 airplane	2-21	27-06 blanket	61-54 bridge
21-07 alcohol	3-04	11-02 bleed	72-30
33-05 alive	5-09 backbone	15-16	70-11 bright
59-35 all	75-04 bad	34-51	46-49 bring
50-58 allow	75-05	14-05 blind	61-16
59-55 alone	75-06 badness	14-06	31-14 bring up
9-13 alveolar	59-47 balance	16-02 bloat	28-03 broom
pyorrhea	1-07 baldness	45-49 block	36-40 broth
74-87 always	51-20 ball	45-50	29-30 brother
16-21 anaplasmosis	42-10 banana	45-53 block the way	19-02 brush
57-28 anger	15-15 bandage	5-11 blood	40-10 brush off
57-29 angry	17-25 barefoot	56-14 blood payment	22-06 bubble
46-70 animal	34-05 bark	41-40 bloom	23-21 bucket
4-09 ankle	41-19	41-40 blossom	41-37 bud
50-21 announce	26-43 basket	7-05 blow	41-38
75-92 another	61-29	7-15	35-50 buffalo
50-28 answer	61-84	69-33	26-02 build
50-39	35-51 bat	69-37 blow away	34-13 bull
40-30 ant	19-10 bathe	68-12 blue	36-18 bullet
40-28 anthill	16-15 battle jaw	47-33 board	11-06 bump
12-20 anthrax	20-08 beads	50-46 boast	11-07
16-07	20-09	2-01 body	45-46
16-10	20-10	12-01 boil	62-15 bundle
16-11	39-23 beak	22-02	62-16
16-12	57-32 bear	22-03	61-78 bundle up
2-23 anus	1-30 beard	22-04	12-04 burn
58-29 anxious	7-08 beat	22-08	48-10
79-08 anybody	52-14	5-01 bone	48-11
50-62 apologize	75-87 beautiful	5-02 bone marrow	48-15 burn to ashes
50-64 appease	75-88	58-09 book	12-05 burnt
51-24 applaud	77-05 become	55-12 border	25-19
54-32 appointment	27-01 bed	31-05 born	12-03 burst open
54-33	40-44 bed-bug	53-28 borrow	33-11 bury
46-25 approach	40-08 bee sting	23-05 bottle	73-15

71-10 bush	9-33 cholera	50-72 complain	43-02 cultivating
34-39 butter milk	65-03 choose	50-36 conceal a fact	field
40-18 butterfly	60-04 church	62-05 connect	23-14 cup
2-22 buttock	40-32 cicada	58-20 consider	15-17 cupping-horn
53-18 buy	46-33 circle ahead	50-65 console	15-21 cure
39-16 cackle	32-11 circumcise	50-67 consult	15-22
23-04 calabash	35-16 civet	76-06 continue	60-15 curse
34-17 calf	54-07 clan	74-86 continuously	60-17
50-24 call	51-17 clap hands	50-50 contradict	60-18
50-25	5-06 clavicle	50-07 converse	64-01 cut
50-26	35-09 claw	22-01 cook	64-03
70-22 calm	73-08 clay	22-14	36-37 cut off meat
34-23 camel	23-01 clay pot	23-01 cooking pot	36-31 cut open
23-22 can	28-01 clean	22-18 cooking stone	36-32 the belly
77-02	28-17	15-20 cool	51-03 dance
1-26 canine	72-45	25-08 cool down	51-05
56-26 cannon	72-45 clear	25-09	75-89 dangerous
20-11 cap	69-25 clear up	34-09 copulate	45-44 dangle
20-12	58-37 clever	23-06 cork	70-10 darken
56-11 captive	71-06 cliff	12-10 corn	70-08 darkness
56-09 capture	46-21 climb	66-13 corner	68-19 daub
56-10	46-22 climb down	66-14	29-28 daughter
35-13 caracal	2-27 clitoris	66-15	69-09 dawn
58-38 careful	45-29 close	33-04 corpse	74-09
57-43 caress	34-57 close gate	34-55 corral	74-02 day
61-19 carry	39-29 close wings	58-12 correct	70-06 daylight
61-20	18-06 cloth	58-13	74-03 daytime
61-23	17-05 clothe	58-15	33-03 dead
61-26	17-01 clothes	42-21 cotton	14-07 deaf
61-17 carry away	69-13 cloud	7-19 cough	14-08
6-09 cartilage	72-42 cloudy	7-20	33-02 death
6-24	47-45 clumsy	59-30 count	53-31 debt
47-24 carve	29-47 co-wife	55-09 country	50-35 deceive
37-05 cast off skin	49-26 coagulate	26-36 courtyard	74-64 December
34-30 castrate	40-25 cobweb	29-44 cousin	58-21 decide
34-01 cat	40-37 cockroach	23-09 cover	26-12 decorate
51-23 catch	42-18 coconut	27-05	59-43 deduce
9-07 catch cold	42-16 coffee	61-76	72-10 deep
46-28 catch up	62-22 coil	34-15 cow	49-17 deepen a well
with sb.	9-06 cold	34-69 cowbell	56-07 defeat
40-47 caterpillar	69-30	42-20 cowpea	7-35 defecate
40-48	75-27	37-15 cowry	52-23 defend
34-12 cattle	75-28	12-16 crack	52-24
71-08 cave	75-31	26-18	56-23
16-24 CBPP	75-32	26-19	53-07 delight
16-24 CCPP	6-41 collar bone	64-13	57-03
69-22 cease	5-06 collar bone	64-14	53-41 deliver
60-13 celebrate	54-29 colleague	37-07 crawl	53-32 demand payment
67-04 center	65-01 collect	45-22	50-48 deny
40-34 centipede	35-05 colobus	60-02 create	57-19 depend
27-08 chair	34-70 color	37-07 creep	71-12 desert
37-08 chameleon	34-71	39-14 crest	27-07 desk
68-14 change	68-01	40-22 cricket	57-40 despise
48-25 charcoal	68-02	54-16 crime	54-42 detain
36-08 chase	19-03 comb	14-03 crippled	69-31 dew
52-21 chase away	19-04	14-04	6-42 dewlap
50-08 chat	46-14 come	37-09 crocodile	5-15 diaphragm
53-24 cheap	62-12 come apart	46-47 cross	13-20 diarrhea
1-27 cheek	46-15 come from	72-29	33-01 die
57-04 cheerful	17-07 come off	72-32	68-24 differ
34-40 cheese	41-07 come out	45-07 crouch	47-59 difficult
35-11 cheetah	46-17	39-10 crow	58-27 difficulty
2-07 chest	72-41	39-15	43-31 dig
24-19 chew	13-15 come to	54-55 crowded	73-14
39-20 chick	oneself	24-20 crunch	43-30 dig out
39-13 chicken	50-60 command	54-08 crush to	73-14
12-19 chicken pox	30-35 commit	pieces	43-08 digging stick
55-07 chief	adultery	25-17 crust	35-43 dik-dik
29-26 child	58-32 commit suicide	50-41 cry	49-05 dip
21-14 chili	12-19 common-pox	56-28	7-31 dirt
1-29 chin	54-29 companion	20-33 cudgel	
47-29 chisel	65-02 compare	43-07 cultivate	
56-15 choke	53-33 compensate		

17-16 dirty	41-48 dry up	79-16 everywhere	59-33 few
28-14	72-20	60-16 evil-eye	59-38
28-15	39-12 duck	81-11 example	6-63 fiber
28-16	75-48 dull	53-42 exchange	75-51 fierce
50-50 disagree	75-49	53-49	75-52
8-07 disappear	75-50	53-50	75-53
61-64 discard	14-07 dumb	53-51	59-15 fifteen
50-72 discontented	14-08	82-10 Excuse me	59-24 fifty
9-01 disease	14-10	22-32 exhausted	52-07 fight
63-20 disentangle	28-09 dust	77-04 exist	47-32 file
23-12 dish	28-13 dust-cloth	53-22 expensive	22-25 fill
22-23 dish up food	26-37 dwell	53-23	24-11
57-16 dislike	68-17 dye	50-70 explain	73-15
11-11 dislocate	39-06 eagle	48-16 extinguish	40-09 fillip off
joint	1-31 ear	48-17	21-12 filter
47-50 dismiss	34-64 ear mark	15-07 extract	8-04 find
61-40 disorder	20-01 ear-ring	15-08 a thorn	8-05
57-30 displease	1-32 earlobe	15-09	3-06 finger
52-05 dispute	74-50 early	81-05 extremely	20-07 finger-ring
65-04 distinguish	74-51	81-06	3-12 fingernail
47-04 disturb	69-41 east	1-11 eye	35-09
72-38 dive	16-17 East Coast	1-15 eyeball	76-02 finish
45-47 divert	16-18 fever	1-12 eyebrow	59-39 finished
53-15 divide	16-26	1-14 eyelash	47-50 fire
59-44	47-58 easy	1-13 eyelid	48-01
62-28	24-01 eat	1-08 face	40-19 firefly
15-26 divine	50-27 echo	45-31 face at	26-10 fireplace
15-27	9-25 edema	61-87 face towards	48-19 firewood
15-28	47-47 effort	61-88	59-50 first
15-29	39-17 egg	47-56 fail	59-51
15-30	59-08 eight	13-14 faint	29-29 first-born
15-31 diviner	59-18 eighteen	9-15 fainting	38-01 fish
30-34 divorce	59-27 eighty	45-20 fall	38-02
9-15 dizziness	35-49 eland	41-15 fall down	38-03
13-04	3-16 elbow	54-22 fame	38-04
13-05 dizzy	29-32 elder	29-49 family	38-05 fishhook
77-01 do	35-24 elephant	24-23 famine	3-05 fist
15-24 doctor	35-33 elephant shrew	54-23 famous	18-12 fit
15-31	59-11 eleven	15-19 fan	59-05 five
34-04 dog	81-13 else	35-28 fang	55-10 flag
55-03 donation	48-25 ember	67-16 far	6-37 flank
34-22 donkey	31-22 embrace	50-32 farewell	49-08 flap off
26-04 door	57-42	43-01 farm	39-30 flap wings
35-39 dormouse	57-43	7-36 fart	70-04 flash
58-26 doubt	47-49 employ	46-39 fast	70-05
42-01 doum palm	54-49 employee	46-40	73-05 flat
39-02 dove	22-29 empty	60-07	63-08 flatten
67-06 down	22-30	34-62 fasten	40-40 flea
72-15 downstream	22-31	62-01	36-38 flesh
44-11 doze	34-55 enclosure	21-15 fat	41-57
72-26 drag up	50-66 encourage	75-59	75-69 flexible
40-17 dragonfly	76-03 end	75-60	72-23 float
61-68 draw	76-05	29-01 father	72-24
68-21 draw a line	57-32 endure	36-39 fatty	72-18 flood
58-18 draw a picture	54-10 enemy	54-16 fault	26-20 floor
49-14 draw water	63-19 entangle	57-25 fear	21-02 flour
58-19 drawing	46-16 enter	57-27	43-22
44-05 dream	54-41 entertain	39-22 feather	72-27 flow
44-06	53-34 entrust	74-54 February	72-28
24-15 drink	57-22 envy	7-34 feces	41-36 flower
49-29 drip	9-35 epilepsy	24-03 feed	41-39
49-30	68-22 equal	34-54	51-13 flute
46-62 drive a car	61-45 erect	41-14 fell	39-26 fly
52-22 drive out	56-16 escape	61-48	40-45
61-13 drop	56-20	61-89	22-07 foam
61-14	5-18 esophagus	35-56 female	49-02
41-54 drop fruit	6-60	26-31 fence	69-15 fog
51-10 drum	81-01 especially	26-32	27-13 fold
21-09 drunk	54-09 European	21-10 ferment	63-03
49-11 dry	74-06 evening	21-11	36-04 follow
49-12	78-02 event	31-03 fetus	46-30
49-13	79-08 everybody	13-18 fever	54-20 follow rules
74-24 dry season	74-15 everyday	13-19 feverous	15-14 foment

21-01 food	53-02 give away	2-05 hairy	66-06 hole
10-08 fool	53-43	59-48 half	66-07
10-07 foolish	53-44	34-31 hammer	73-13
10-06 foolishness	53-45	47-14	74-52 holiday
4-01 foot	53-46	3-02 hand	26-35 home
4-10	53-47	43-11 handle	54-04 home village
6-32	31-04 give birth	47-28	57-09 homesick
16-05 foot-&-mouth	34-10	61-53 hang	26-35 homestead
disease	24-02 give food	58-31 hang oneself	75-82 honest
16-08 foot-rot	69-39 glare	55-03 harambee	40-04 honey
4-14 footfalls	23-15 glass	25-11 hard	40-02 honey-bee
4-13 footprint	70-02 glitter	35-34 hare	57-39 honor
4-14 footsteps	40-39 gnat	43-14 harvest	6-33 hoof
50-59 forbid	24-18 gnaw	by sickle	41-56 hook
61-82 force in	46-01 go	20-11 hat	57-20 hope
72-33 ford	46-02	77-03 have	71-14 horizon
3-15 forearm	72-28	39-06 hawk	34-32 horn
6-13	46-03 go away	79-03 he	6-43 horny pad
3-08 forefinger	46-23 go beyond	34-19 he-goat	34-25 horse
1-09 forehead	46-24 go down	1-01 head	54-26 host
6-07 forelimb	46-17 go out	61-25 head pad	22-05 hot
71-09 forest	46-57 go out	27-02 headrest	25-03
47-12 forge	of sight	9-05 healthy	75-25
58-02 forget	46-11 go straight	46-76 heap	75-26
50-63 forgive	46-52 go together	8-18 hear	75-29
46-72 fork	34-18 goat	8-19	75-30
59-23 forty	60-01 god	5-14 heart	74-26 hour
72-07 fountain	75-01 good	13-06 heartburn	80-09 how
59-04 four	75-02	16-03 heartwater	80-11
59-14 fourteen	82-05 Good bye	69-02 heaven	59-36 how many
35-20 fox	82-07 Good evening	75-21 heaviness	80-10
39-04 francolin	82-06 Good morning	75-19 heavy	53-21 how much
74-69 Friday	82-08 Good night	75-20	31-22 hug
54-28 friend	75-03 goodness	35-32 hedgehog	6-48 hump
57-26 frighten	55-01 govern	4-12 heel	59-29 hundred
37-16 frog	26-29 granary	34-16 heifer	24-22 hunger
67-01 front	29-36 grandchild	75-44 height	36-01 hunt
66-09 front surface	29-14 grandfather	82-03 Hello	36-02 hunter
41-41 fruit	29-20 grandmother	47-03 help	35-19 hunting dog
22-13 fry	61-04 grasp	50-52	46-42 hurry
22-26 full	61-05	18-15 hem	46-43
33-13 funeral	41-01 grass	9-16 hemoptysis	30-15 husband
33-14	40-20 grasshopper	9-17 hepatitis	26-01 hut
36-35 fur	71-11 grassland	29-03 her	9-11 hydrocele
5-25 gall-bladder	33-12 grave	34-58 herd	35-14 hyena
51-02 game	21-15 grease	34-59	35-15
28-04 gather	50-30 greet	35-57	35-38 hyrax
54-52	50-31 greeting	34-60 herder	79-01 I
61-75	22-12 grill	79-12 here	60-25 identify
48-20 gather	7-31 grim	7-23 hiccup	10-08 idiot
firewood	43-26 grind	7-24	47-46 idle
35-44 gazelle	43-27 grind stone	35-52 hide	9-02 ill
75-71 generous	43-28	61-44	9-01 illness
75-72	13-17 groan	45-56 hide oneself	51-27 imitate
35-17 genet	61-01 grope	75-43 high	35-44 impala
41-08 germinate	73-01 ground	71-02 hill	55-06 important
53-08 get	42-06 groundnut	79-07 himself	75-90
53-11 get back	31-15 grow	6-17 hind leg	74-48 in time
46-19 get down	41-09	2-22 hip	1-24 incisor
46-64 get off	59-37	35-29 hippopotamus	52-09 incite a fight
46-18 get on	12-01 growth	29-03 his	61-46 incline
45-51 get out of	50-72 grumble	45-45 hit	59-37 increase
the way	34-28 grunt	47-15	39-19 incubate
45-02 get up	8-15 guard	64-11	9-03 infect
34-42 ghee	54-27 guest	62-25 hit in	50-20 inform
13-05 giddy	46-50 guide	36-16 hit target	26-37 inhabit
53-04 gift	9-21 Guinea worms	43-10 hoe	54-03 inhabitant
38-07 gill	39-05 guinea-fowl	61-08 hold	33-16 inherit
35-42 giraffe	36-17 gun	61-09	33-17
32-05 girl	36-19 gunpowder	61-10	32-09 initiate
53-01 give	1-05 hair	61-11	11-01 injure
53-06 give a gift	2-03		10-01 insanity
	2-04		40-01 insect

67-07 inside	5-28 large	61-31 load	59-45 measure
54-14 inspect sb.'s belongings	intestine	61-62	59-46
81-14 instead of	75-09 largeness	61-79	36-38 meat
58-35 interest	74-73 last	26-06 lock	15-12 medicine
26-15 interlace	74-76	40-21 locust	15-31 medicine man
sticks	74-49 late	41-17 log	54-34 meet
5-27 intestine	74-23 later	2-18 loin	54-35
9-04 invalid	57-06 laugh	17-02 loincloth	54-51 meeting
45-35 invite	57-05 laughter	57-08 lonely	49-27 melt
54-36	39-18 lay eggs	75-13 long	49-28
73-10 iron	46-53 lead	75-14	58-01 memorize
72-22 island	51-18	57-21 long for	10-01 mental illness
13-02 itch	54-21 leader	31-16 look after	73-10 metal
35-18 jackal	41-33 leaf	8-11 look around	34-03 mew
28-18 jam	49-31 leak	8-02 look at	67-04 middle
74-53 January	45-24 lean	8-10 look for	3-09 middle finger
9-17 jaundice	58-05 learn	8-14 look into	74-08 midnight
1-29 jaw	27-04 leather mat	8-12 look toward	42-02 midrib
57-22 jealous	46-04 leave	62-20 loose	31-10 midwife
5-03 joint	61-12	62-26	75-54 mild
6-59	61-18	62-19 loosen	75-55
46-59 journey	40-49 leech	61-65 lose	34-36 milk
54-15 judge	67-09 left	46-56 lose one's way	34-37
74-59 July	67-10	61-67 lost	34-38
45-42 jump	4-01 leg	40-41 louse	34-43
40-23 jump about	42-17 lemon	40-42	34-45
46-20 jump down	53-29 lend	57-41 love	34-44 milking pot
72-40 jump into	75-15 length	75-45 low	43-26 mill
45-42 jump over	35-10 leopard	11-06 lump	40-33 millipede
52-13 jump upon	61-12 let go	16-01 lumpy	74-45 minute
46-72 junction	54-40 let in	5-17 lung	19-18 mirror
74-58 June	50-58 let sb. do sth.	35-19 lycaon	47-57 mistake
50-53 keep a promise	58-16 letter	16-01 lymphadenitis	49-21 mix
34-53 keep animals	24-05 lick	43-05 machete	1-25 molar
52-17 kick	24-06	10-02 mad	25-23 mold
56-10 kidnap	23-07 lid	10-03	47-35 mold pottery
5-29 kidney	50-33 lie	10-01 madness	25-24 moldy
56-12 kill	44-01 lie down	40-47 maggot	12-07 mole
56-13 killer	45-09 lie flat	47-08 make	74-65 Monday
29-50 kin	44-02 lie on	24-16 make sb. drink	53-19 money
75-70 kind	one's back	54-38 make sb. wait	53-23 mongoose
78-03	33-09 life	19-17 make up	37-11 monitor
78-06	61-60 lift	oneself	35-04 monkey
48-08 kindle	48-27 light	9-08 malaria	35-06
57-44 kiss	70-03	35-55 male	74-17 month
26-10 kitchen	75-22	32-02 man	69-04 moon
49-23 knead	75-23	34-26 mane	70-07 moonlight
4-03 knee	48-08 light fire	35-08	74-04 morning
4-04 knee cap	70-13 light up	16-09 mange mites	31-02 morning sickness
6-29 knee joint	69-27 lighten	42-14 mango	69-12 morning star
45-08 kneel down	75-24 lightness	59-31 many	43-24 mortar
47-27 knife	69-26 lightning	59-32	60-06 mosque
18-14 knit	57-15 like	74-55 March	40-38 mosquito
26-07 knock on	78-06	68-25 mark	41-04 moss
the door	11-13 limp	68-26	40-18 moth
61-47 knock over	61-36 line	54-47 market	29-07 mother
62-04 knot	61-37	30-03 marriage	29-41
58-04 know	68-20	30-01 marry	29-42
34-55 kraal	61-38 line up	30-02	46-60 motorcar
35-45 kudu	35-07 lion	15-03 massage	46-76 mound
35-46	1-20 lip	15-04	71-01 mountain
77-06 lack	8-19 listen to	15-05	33-15 mourn
27-09 ladder	50-15	15-06	1-30 mustache
23-20 ladle	70-14 lit	27-03 mat	1-19 mouth
72-05 lake	3-11 little finger	48-26 match	61-73 move
14-01 lame	26-37 live	32-07 mature	46-26 move away
70-12 lamp	33-05	32-08	26-38 move residence
71-15 land	5-23 liver	74-57 May	73-12 mud
50-04 language	33-08 living person	81-04 maybe	44-13 muddled
75-83 large	37-12 lizard	21-02 meal	72-42 muddy
75-84		50-03 meaning	9-36 mumps
35-58 large herd		12-19 measles	24-21 munch

41-05 mushroom	32-14 old woman	81-04 perhaps	64-10 prod
25-23 must	60-11 omen	32-01 person	50-52 promise
25-24 musty	59-01 one	7-29 perspire	33-18 property
29-01 my	81-16 only	43-25 pestle	15-31 prophet
47-21 nail	26-08 open	15-13 phlebotomize	55-16 prosper
17-09 naked	45-28	7-18 phlegm	56-23 protect
17-10	26-33 open space	61-15 pick up	52-08 provoke
31-12 name	67-14 opposite	58-19 picture	
31-13	42-12 orange	66-04 piece	2-28 pubic hair
81-10 namely	50-60 order	18-05 pierce	61-66 pull
1-35 nape	53-27	34-27 pig	62-24 pull out
75-85 narrow	61-41	39-03 pigeon	61-61 pull up
13-07 nausea	29-48 orphan	73-03 pile	33-06 pulsate
2-12 navel	35-48 oryx	56-24 pillage	54-18 punish
67-13 near	39-08 ostrich	27-02 pillow	54-46 pupil
67-15	29-04 our	12-09 pimple	1-16 pupil of eye
1-33 neck	67-08 outside	52-16 pinch	60-19 purify
6-34	79-14 over there	61-07	11-08 pus
20-04 necklace	79-15	42-15 pineapple	61-69 push
20-08	56-06 overcome	16-22 pink-eye	61-34 push away
77-07 need	22-27 overflow	21-24 pipe	61-32 put
18-03 needle	41-46 overripe	2-11 pit	61-42 put away
54-30 neighbor	46-32 overtake sb.	36-28 pitfall	61-63 put down
54-31	54-25 owner	57-14 pity sb.	61-58 put in
29-45 nephew	34-14 ox	26-34 place	61-33 put near
9-25 nephritis	50-64 pacify	61-32	61-52 put on
39-36 nest	26-40 pack	81-14	50-38 question
36-27 net	26-41	5-31 placenta	46-40 quickly
75-41 new	72-35 paddle	27-11 plait a mat	50-16 quiet
50-22 news	72-36	19-05 plait the hair	70-21
58-10 newspaper	13-01 painful	58-22 plan	70-22
59-53 next	68-18 paint	75-69 plastic	70-23
74-75	42-01 palm	23-12 plate	35-34 rabbit
74-78	3-03 palm of hand	26-30 platform	56-24 raid
29-46 niece	35-41 pangolin	51-01 play	69-16 rain
74-07 night	42-13 papaya	82-09 please	69-17
59-09 nine	58-17 paper	57-01 pleased	69-19
59-19 nineteen	13-11 paralysis	69-11 Pleiades	69-24 rainbow
59-28 ninety	41-06 parasitic	39-33 pluck out	74-25 rainy season
82-02 no	plant	feathers	28-04 rake
45-40 nod	61-30 parcel	56-24 plunder	73-18 ram into
50-09 noise	82-10 Pardon me	45-38 point	35-40 rat
70-24 noisy	47-26 pare	66-01	35-21 ratel
74-05 noon	29-13 parent	66-02	81-17 rather
69-44 north	39-11 parrot	25-25 poison	22-15 raw
1-17 nose	62-28 part	62-23 poke in	22-16
1-18 nostril	52-11 part a dispute	63-12 polish	19-09 razor
8-16 notice	52-12 part a fight	75-77 poor	58-06 read
74-63 November	54-43 part with sb.	75-78	47-51 ready
74-21 now	46-46 pass	75-79	67-02 rear
74-89 nowadays	46-45 pass by	41-65 pop out	58-01 recall
13-12 numb	62-09 paste	35-36 porcupine	53-09 receive
59-34 number	62-13	77-03 possess	74-89 recently
13-11 numbness	62-14	26-28 post	52-06 reconcile
59-37 numerous	16-11 pasteurellosis	23-02 pot	55-15 reconstruct
15-23 nurse	15-01 pat	42-08 potato	15-22 recover
15-25	18-16 patch	43-22 pound grain	68-04 red
74-27 o'clock	46-69 path	62-25 pound in	68-05
72-36 oar	9-04 patient	22-24 pour	56-17 redeem
58-23 oath	53-25 pay	22-28 pour out	68-03 redness
58-24	55-05	55-14 poverty	59-38 reduce
50-61 obey	53-26 payment	16-14 pox	50-56 refuse
78-01 object	71-03 peak	50-44 praise	24-29 refuse to give
50-11 obstruct	8-13 peek	50-45	56-17 release
8-08 obstruct sight	41-60 peel	60-05 pray	58-33 relieved
1-04 occiput	41-61	40-31 praying mantis	46-09 remain
74-62 October	41-62	74-32 pre-dawn	59-40
81-03 of course	62-11 peel off	31-01 pregnant	58-01 remember
21-15 oil	8-13 peep	47-51 prepare	58-03 remind
32-16 old	47-22 peg	52-19 press down	28-19 remove
75-42	36-36 peg out	61-82 press in	45-54
32-15 old man	54-17 penalty	53-20 price	61-35
74-19 old times	2-24 penis	30-27 principal wife	61-57

47-09 repair	57-10 sad	45-39 shake	2-02 skin
47-10	7-16 saliva	one's head	36-33
76-07 repeat	21-13 salt	72-11 shallow	36-34
74-86 repeatedly	25-07 salty	72-12	41-59
47-11 replace	72-26 salvage	57-36 shame	24-27 skip a meal
50-23 report	75-91 same	22-22 share	24-27 skip daily
50-55 request	73-06 sand	53-14	watering
56-19 rescue	17-24 sandals	53-15	5-04 skull
68-23 resemble	41-22 sap	75-46 sharp	6-01
59-41 reserve	24-25 satisfied	75-47	69-01 sky
54-06 residential	74-70 Saturday	63-16 sharp-pointed	69-02
group	56-19 save	63-13 sharpen	52-15 slap
41-23 resin	59-41	63-15	36-30 slaughter
57-38 respect	47-30 saw	19-08 shave	34-68 slaver
57-39	47-31	47-25 shave wood	44-01 sleep
15-18 rest	50-06 say	47-26	44-03
49-19 retain water	11-09 scab	79-03 she	44-04
46-10 return	12-13 scabies	34-20 she-goat	26-09 sleeping place
53-30	38-08 scale	41-64 sheath	44-10 sleepy
66-11 reverse	59-46	34-21 sheep	47-25 slice
surface	5-05 scapula	27-10 shelf	64-04
33-07 revive	11-10 scar	37-14 shellfish	66-05
35-30 rhinoceros	61-93 scatter	69-21 shelter	45-16 slip
5-08 rib	54-44 school	36-23 shield	17-06 slip off
42-03 rice	18-07 scissors	70-02 shimmer	45-17 slippery
75-75 rich	50-42 scold	4-07 shin	45-18
75-76	24-07 scoop up	70-01 shine	71-04 slope
46-63 ride	61-06	72-34 ship	71-05
67-11 right	25-16 scorch	13-13 shiver	46-41 slowly
67-12	25-19	17-23 shoes	63-24 small
16-18 rinderpest	57-40 scorn	36-16 shoot with	75-10
16-19	40-35 scorpion	a bow	75-11
16-26	24-09 scrape	54-48 shop	75-85
12-11 ringworm	38-09 scrape	75-16 short	75-86
12-12	off scales	75-17	5-27 small
17-18 rinse	13-03 scratch	63-22 shorten	intestine
41-45 ripe	34-02	75-18 shortness	12-19 small pox
69-05 rise	62-27 screw in	2-06 shoulder	75-12 smallness
72-01 river	72-03 sea	61-22	64-07 smash
72-21 river bank	23-08 seal with	5-05 shoulder blade	19-19 smear
46-71 road	a top	6-08	15-11 smear medicine
22-12 roast	8-10 search	35-03 shout	8-21 smell
53-39 rob	22-33 season	50-41	8-22
73-04 rock	8-01 see	56-29	8-23
61-91 roll	8-05	8-17 show	8-24 smell bad
61-92	46-51 see off	46-50 show around	8-25 smell good
27-14 roll up	41-63 seed	59-38 shrink	57-07 smile
26-24 roof	43-12	71-10 shrub	48-04 smoke
26-11 room	61-03 seize	26-05 shut	21-25 smoke tobacco
41-32 root	53-17 sell	57-35 shy	15-01 smooth
22-17 rot	53-40 send	43-13 sickle	47-34
25-20	62-10 separate	2-16 side	47-37
25-21 rotten	74-61 September	66-08	63-05 smooth out
63-09 round	69-08 set	43-18 sift	47-38 smoothing
63-10	56-18 set free	43-19	stone
15-01 rub	46-04 set out	8-06 sight	37-13 snail
63-11	26-39 settle	50-29 silent	64-05 snap
19-12 rub off	52-11 settle	68-23 similar	64-06
19-13	a dispute	74-83 since	34-06 snarl
62-29	59-07 seven	39-35 sing	7-25 sneeze
48-07 rubbing sticks	59-17 seventeen	51-09	7-26
28-07 rubbish	59-26 seventy	39-34 singe off	8-22 sniff
55-02 rule	18-10 sew	feathers	44-08 snore
70-20 rumble	57-45 sexual	72-25 sink	21-23 snuff
34-66 ruminate	intercourse	24-12 sip	49-05 soak
46-36 run	70-09 shade	24-13	63-29
46-27 run away	70-09 shadow	29-31 sister	17-17 soap
46-65 run over	61-71 shake	45-05 sit down	57-11 sob
46-38 run this way	41-52 shake down	59-06 six	21-21 soda
73-11 rust	41-53	59-16 sixteen	21-22 soda container
61-28 sack	28-10 shake off	59-25 sixty	25-12 soft
60-23 sacrifice	49-07	47-43 skillful	25-13
60-24		47-44	63-30

63-28 soften	44-17 stay overnight	45-13 stumble	50-07 talk
73-07 soil	53-38 steal	45-14	44-07 talk while
56-04 soldier	22-11 steam	45-15 stumble sb.	asleep
4-11 sole	46-62 steer	41-31 stump	39-25 talon
74-85 sometimes	45-33 step back	10-07 stupid	63-18 tangle
29-27 son	45-43 step over	14-09 stutter	63-19
51-08 song	29-43 stepchild	72-19 subside	40-50 tape worm
74-22 soon	29-40 stepfather	47-55 succeed	24-14 taste
48-05 soot	31-28 sterile	54-24 succeed	25-02 taste bad
31-21 soothe	5-07 sternum	in life	25-01 taste good
50-64	6-40	31-18 suck	19-20 tattoo
42-19 sorghum	22-02 stew	15-10 suck out	55-04 tax
82-10 Sorry	20-32 stick	31-17 suckle	21-19 tea
78-03 sort	26-03	13-16 suffer	50-68 teach
70-16 sound	62-07	from pain	54-45 teacher
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6-31 spur	63-21 stretch out	41-21 take fiber	58-20 think
56-21 spy	52-14 strike	41-50 take fruits	50-71 think aloud
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41-66 eukwai	71-03	74-61 lolong	30-21 namui
35-06 eula	81-12	9-18 lomaazei	30-22
25-06 euniuny	67-09 kidyeny	9-34 lomagali	30-23
25-23 eunuka	67-08 kinga	9-30 lomalitenyit	39-09 nanyamacin
9-22 euremem	82-09 kingarakinai	16-26	56-04 nanyangakoti
16-30	9-20 kicina	74-55 lomaruk	39-09 napele
75-16 euriana	80-09 koai	9-27 lomezekin	35-32 napupu
75-45	80-09 koani	40-37 lomodokongori	73-16 naroo
1-03 eutune	35-23 kokaas	9-21 lomoriit	16-28 nawosin
35-49 euwapet	74-19 kolong	6-51 lomorokin	29-46 nayeyait
53-23 ewoi	74-20	30-20 lomui	79-12 nege
75-13	29-02 kon	74-64 lomuk	79-13 neni
75-43	29-04 kosi	40-14 lomuwar	80-10 ngaai
17-01 eworu	81-03 kote	16-16 longarurei	5-11 ngaakot
18-06	80-08 koterinyo	40-39 longiset	59-02 ngaare
2-23 ewosin	40-49 kotili	35-51 lononua	34-12 ngaatuk
74-42 eyanyo	69-43 kuju	5-18 lonya	26-17 ngabaan
79-11 i	72-13	16-21 lonyang	11-08 ngabulon
74-44 ibelokunoi	29-05 kusu	16-11 lookot	30-37 ngabus
40-01 ibore	39-02 kuuri	16-27 loongoricuno	7-34 ngacin
78-01	39-03 kuurinaemoru	16-21 lopid	7-36
47-06 iborosit	9-17 kuwam	74-62 lopo	74-45 ngadakika
78-01	79-11 kwa	74-63 lorara	1-02 ngadam
20-05 igelit	26-20 kwap	9-24 loriwo	80-01 ngai
79-11 igi	67-06	40-15 losikiria	35-08 ngaile
34-04 iingok	69-44	74-59 losuban	44-04 ngaju
74-40 ikaikai	72-15	40-30 loter	59-05 ngakan
39-01 ikeny	73-01	74-05 lotingilan	59-07 ngakanikaare
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29-48 ikoki	81-06 kya	16-07 lotorobo	59-06 ngakanikapei
29-26 ikoku	79-09 lo	74-60 lotyak	59-08 ngakanikauni
31-07	9-32 lobai	16-24 loukoi	69-11 ngakanyer
78-05 ikoni	16-15 lobolibolyo	9-26 loupe	6-03 ngakatarabai
78-06	30-33 lobunat	37-01 loupoli	36-03 ngakejen
67-14 ikwakaie	9-27 lobuute	16-20 loutokonyen	30-33 ngakejen-a-
79-15 inaa	29-45 loceni	29-45 loyeyait	ngibareng
74-41 ipoongamoti	16-33 locit	16-25 loyoduka	6-65 ngakidanges
1-16 itaok	74-56 locoto	79-09 lu	34-39 ngakidedet
34-17	74-54 lodunge	79-09 lugu	7-28 ngakiinyir
39-20	79-09 logo	81-16 makei	34-36 ngakile
43-28 itapin	9-19 logooroi	82-02 mam	41-22
81-02 iteni	16-16	9-35 marin	59-49 ngakimaruneta
29-07 ito	16-05 lojaala	82-03 meere	49-01 ngakipi
30-30	37-12 lokaacal	26-13 moding	21-02 ngakirya
32-01 itungunan	29-44 lokaamai	74-13 moi	7-01 ngakiyo
32-01 itwan	81-06 lokajokon	79-09 na	34-47 ngakookes

69-31 ngakop	80-10 ngiai	80-06 niani	74-12 tete
40-42 ngakotor	30-12 ngibareng-	80-06 nianu	75-91
36-19 ngakuk	akoota	67-08 nikalapatan	67-11 teten
7-32 ngakul	16-29 ngiborok	71-10 nikamutonon	74-57 titima
33-13 ngakuronoret	6-35 ngicocok	54-04 nikidounet	74-21 tokona
20-14 ngalukyo	34-23 ngikaala	26-09 niperot	69-42 too
73-01 ngalup	48-02 ngikabel	81-06 noi	3-03 tooma
73-07	10-01 ngikerep	79-09 nu	4-11
34-21 ngamezekin	57-36 ngileec	79-09 nugu	66-10
34-18 nganginei	79-10 ngin	80-02 nyo	67-07
34-25 ngangolei	79-10 ngina	80-08	82-08 toperirobo
59-04 ngaomon	79-10 ngini	74-47 ori	82-10 torimakinai
36-40 ngapoko	78-04 ngipitesinei	80-07	9-36 tumulado
33-14 ngapunyes	34-22 ngisikirya	74-23 pak	37-12 tuotuo
67-01 ngaren	20-15 ngiteroi	74-84 paka	35-22 uurungorok
44-06 ngarujan	17-22 ngiwokoi	35-16 panase	79-16 wadaang
30-33 ngasuban	79-10 ngol	81-06 pic	81-07 wadeecici
6-02 ngasue	79-10 ngolo	50-74 poyo	81-07 wadyo
59-10 ngatomon	74-10 ngoon	12-19 puuru	79-11 ya
59-22 ngatomoniumi	79-04 ngooni	9-31 ryok	67-14 yaaiye
59-20 ngatomoniyari	79-10 ngul	9-25 sir	79-11 yaga
50-05 ngaturukana	79-10 ngulu	79-04 sua	79-11 ye
59-03 ngauni	79-10 ngun	74-23 takae	79-11 yege
50-03 ngesi	79-10 nguna	74-84 tanang	29-04 yok
79-03	80-06 niali	74-84 tani	
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